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ABSTRACT

The resource guide identifies products which assist speech or language impaired individuals in accessing IBM (International Business Machine) Personal Computers or the IBM Personal System/2 family of products. An introduction provides a general overview of ways computers can help persons with speech or language handicaps. The document then provides descriptions of about 100 products arranged alphabetically within the following categories: therapy, cognitive skills, and electronic communication. More detailed descriptions are provided of IBM PC Augmented Phone Services and the IBM Personal System/2 Speech Viewer. Product information includes the manufacturer and a description. A separate section lists approximately 150 agencies and associations which provide such services as acting as an information clearing house, legislative monitoring, peer counseling, and sponsoring conferences, workshops and seminars. Agencies are listed alphabetically by city within each state. Also listed by state are about 90 additional resources providing such services as special education, rehabilitation, and computer training. An index is provided for products, support groups and vendors. (DB)

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NATIONAL SUPPORT CENTER
FOR PERSONS
WITH DISABILITIES

RESOURCE GUIDE FOR PERSONS WITH SPEECH OR LANGUAGE IMPAIRMENTS

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August 23, 1989.

IBM National Support Center

for Persons

with Disabilities

The IBM National Support Center for Persons with Disabilities was created to help health care leaders, agency directors, policy makers, employers, educators, public officials and individuals learn how technology can improve the quality of life for the disabled person in the school, home and work place.

The Center responds to requests for information on how computers can help people with vision problems, hearing problems, speech impairments, learning disabilities and mobility problems. While the Center is unable to diagnose or prescribe an assistive device or software, information is provided on what is available and where one can go for more details.

We invite your inquiries on these assistive devices, software and services for disabled persons.

P.O. Box 2150

Atlanta, GA 30055

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How to Use This Guide

This guide presents information about some of the technology and services that are available to aid persons with disabilities. Much of the information deals with devices that can be attached to IBM computers to allow a disabled individual to lead a more independent and productive life.

The guide is organized as follows:

Introduction

This section provides a general overview of the ways computers can help persons with disabilities.

Technology

Products are arranged alphabetically within their respective categories. The product information includes the manufacturer and a brief description of the product. Refer to the index to locate a product or company by name. Please contact the companies directly for additional product information and prices.

Support Groups

Agencies and associations and additional resources available to persons with disabilities are listed in this section. The entries are arranged alphabetically by city within state. Refer to the index to locate a particular group by name. Please contact the organizations directly for specific details.

Index - The index contains three parts:

- P - Products: alphabetic list by product name.
- S - Support Groups: alphabetic list by organization name.
- V - Vendors: alphabetic list by company name.

Introduction

Speech and language disorders include defects of articulation, voice production and rhythm; cleft-palate speech; delayed speech development; disorders associated with hearing impairments; and impairment of language function.

HOW COMPUTERS HELP THOSE WITH SPEECH AND LANGUAGE IMPAIRMENTS

A speech or language disorder is not a detriment to operating a computer. Software and hardware may be modified to compensate a speech disability.

A speech synthesizer connected to a computer or incorporated into the software can be used as a training and teaching aid for the speech-impaired person or as voice output for the non-vocal person.

For the non-vocal or speech-impaired person who also has mobility impairments, eyetracking systems, light sensors, alternate switches and alternate keyboard devices may serve as communication aids and as alternate input devices to the computer.

Special computer programs have been developed to assist the speech- or language-impaired person to develop adequate articulation or language skills. These special programs assess disorders of speech and language and assist the speech-impaired person to practice speech sound, using the computer as a listener to provide objective feedback on the quality of repetition.

Cognitive rehabilitation software identifies and treats cognitive deficits in stroke- and brain-injured persons. This software concentrates on the detection and retraining of language function such as perceptual deficits, memory, categorization, sequencing and association.

Input devices that are self-contained, portable communication aids may be used by the speech-impaired or non-vocal person when a computer is not conveniently accessible. These electronic devices usually have associated snythesizers and may be operated with switches if needed.

Technology

Therapy

Special computer programs have been designed to assist the speech or language impaired person. These special software programs allow the speech impaired person to practice speech sounds using the computer as a listener providing objective feedback on the quality of repetition. Software programs also assist the professional in assessing disorders of speech and language.

PRODUCT: Ani-Vox Computer Speech Systems
VENDOR: Animated Voice Corporation
P. O. Box 819
San Marcos, CA 92069
800-942-3699 (619) 744-8190

PRODUCT DESCRIPTION: Ani-Vox Computer Speech Systems are combined hardware and software voice input/output packages specifically designed to enhance speech communication skills and understanding. Skills addressed include pitch, rate, intensity, resonance, phonation, articulation, accent removal and auditory training. The modules convert voice into real-time, animated graphics for user matching and quantitative assessment. Exercises may be practiced with an instructor, or stand-alone at the user's own pace, with custom vocabularies and models. Ani-Vox is available in professional and personal models for institutional and individual use. Applications range from preschool to adult.

PRODUCT: Cafet
VENDOR: Cafet
4208 Evergreen Lane - Suite 213
Annandale, VA 22003
(703) 941-8903

PRODUCT DESCRIPTION: Cafet is a cognitive behavioral approach to fluency or stuttering therapy. It integrates the feedback from phonatory and respiratory functions. Cafet proceeds in 54 modular steps at increasing levels of language comlexity. Each step involves drill and practice at the computer, at the individual's own pace. Visual biofeedback and messages displayed in real-time on the computer monitor measure progress and point out breathing and voicing errors. The results of each trial are recorded on a diskette for printing and analysis. Designed for use in school systems, hospitals and other speech clinics, the Cafet program is licensed as a complete package, including the following components: internal circuit board, respiratory transducer, respiratory sensor, microphone and training seminar for one certified speech/language pathologist.

PRODUCT: Grammar Gremlins
VENDOR: Davidson & Associates Inc.
3135 Kashiwa Street
Torrance, CA 90505
(213) 534-4070 (800) 556-6141

PRODUCT DESCRIPTION: This product presents the basic rules of grammar and offers practice with a fun-filled game and other skill-building activities to improve writing and speaking skills. It contains over 60 rules and over 600 practice sentences presented on four levels of difficulty that cover abbreviations, subject/verb agreement, capitalization, contractions, parts of speech, plurals, possessives, punctuation and sentence structure. Pretest, skill building and review activities are included. The editing feature allows users to add problems to meet student needs.

PRODUCT: IBM PC Parts of Speech Series: Levels II and III
VENDOR: IBM Educational Systems
Available through Certified
Education Specialist
(800) 222-7257

PRODUCT DESCRIPTION: IBM PC Parts of Speech Series: Levels II and III use problems and examples to help students learn the grammatical skills they need to speak and write clearly and correctly. In the series' "Whatzit" activity, students create sentences that are then acted out by cartoon characters - but only if the sentences are grammatically correct. With the IBM Personal Computer Parts of Speech Series, students learn to recognize the most important parts of speech, learn to use the parts of speech correctly in constructing sentences and receive practice and guidance in the correct use of many troublesome word forms and grammatical patterns.

PRODUCT: IBM Personal System/2 SpeechViewer
VENDOR: IBM Nat'l Support Center for Persons w/ Disabilities
P. O. Box 2150
Atlanta, GA 30055
(800) 426-2133 (404) 238-4806

PRODUCT DESCRIPTION: The IBM PS/2 SpeechViewer is a professional clinical tool that addresses a key element in speech therapy: the feedback process. Bold animated displays and audio playback refine and simplify the process by focusing on the speech signal and by making feedback information clear and meaningful. For more information, see reference to this product in the Table of Contents or contact the IBM National Support Center for Persons with Disabilities.

PRODUCT: Micro Speech Lab
VENDOR: Kay Elemetrics Corporation
12 Maple Ave.
Pine Brook, NJ 07058
(201) 227-2000 (800) 289-5297

PRODUCT DESCRIPTION: Micro Speech Lab is a hardware/software package for the capture and analysis of speech or other signals on the IBM PC. Signal input, waveform display, audio output, analysis and file management can be performed. The program allows the user to splice a sound sample in visual and auditory modes and to condition the signal segment to required specifications. The following parameters are user specified: sampling rate up to 20,000 per second (25,000 with an IBM AT); segment duration up to 64,000 sample points; a quantizing rate of 8- or 10- bit; and simultaneous pitch and amplitude display. Each lab package contains a data acquisition board, hardware, software, microphones, headphones and documentation.

PRODUCT: Nasometer
VENDOR: Kay Elemetrics Corporation
12 Maple Ave.
Pine Brook, NJ 07058
(201) 227-2000 (800) 289-5297

PRODUCT DESCRIPTION: The nasometer measures in real-time the ratio of acoustic energy from the nasal and oral cavities. Visual biofeedback provides a tangible target that clients can use to learn proper velopharyngeal control. As the client speaks, each microphone collects data, which is then translated into the nasal to oral ratio and displayed instantly on the computer screen. The software will calculate statistical information for screen display, filing or for hard copy printout. The Nasometer has proven to be useful in both the evaluation of clients and in actual therapy sessions by providing biofeedback to the clients. It consists of an input device (two directional microphones and a nasal/oral separator), analysis circuits which utilize an IBM PC and a software program.

PRODUCT: Parrot Easy Language Sample Analysis (PELSA)
VENDOR: Parrot Software
P.O. Box 1139
State College, PA 16804
(814) 237-7282 (800) PARROT1

PRODUCT DESCRIPTION: PELSA is designed for grammatical analysis of a language sample. The user types and translates a language sample of up to 100 utterances. The computer then analyzes the sample and provides the following analyses: percentage correct of specific demonstratives, locatives, pronouns, articles, conjunctions, prepositions, possessives, comparatives, superlatives, modals, past tense markers and present progressive markers. The user is provided with a list of auxillary + verb, infinitive, past tense and present progressive verb forms. There is a table of the percentage correct, number of affirmative, negative and question sentence types, number of utterances, number of words used and mean length of response. Other features include: language sample editing, printout of results, ability to save a corpus for later retrieval and analysis and a tutorial for coding a language sample. Another program, Parrot Language Sample Utility, allows a user to modify PELSA to analyze transcript information according to any coding scheme.

PRODUCT: PEPPER
VENDOR: Strathmore Instruments
Box 4503
Madison, WI 53711
(608) 263-9864

PRODUCT DESCRIPTION: PEPPER: Programs to Examine Phonetic and Phonologic Evaluation Records is a series of speech analysis programs designed to examine phonetic, phonologic and prosodic aspects of normal and disordered speech. Speech transcripts can be entered using broad (IPA) or more narrow phonetic transcription systems for single or multiple samples. Ten programs provide quantitative profiles of consonants, vowels, diphthongs, by segment, word, position, feature and phonological process. Flexible output programs allow the user to select and order speech tokens for individualized qualitative analyses, including Structural Statistics, Percentage of Consonants Correct, a series of Articulation Tests, Natural Phonologic Process Analysis and Word Lists. Data allow client and subject profiles to be compared to profiles of other speech-normal and speech-delayed children. Program includes four disks, phonetic keyboard template and forms for keeping files. System requires two disk drives, dot matrix printer and display device for an IBM PC AT or XT.

PRODUCT: SALT (Systematic Analysis of Language Transcripts)
VENDOR: Language Analysis Lab, Waisman Center
1500 Highland Avenue
Madison, WI 53705
(608) 263-5408

PRODUCT DESCRIPTION: SALT is a language analysis tool with many coding and analysis options to meet specific needs. Options are available for either a standard set of analyses or user-created analyses. Standard SALT performs over 50 analyses of language samples, with flexible coding and editing. Analyses include summaries of: total, complete and incomplete utterances; total words, root words, TTR and MLU; Brown's stage and related normative data; pauses, transcript duration and morpheme analysis; utterance attempts/minute, words/minute; number of utterances by length; number of turns by utterance length; word frequencies for question words, negatives, conjunctions, auxilliary verbs, semi-auxilliary verbs, 8 types of pronouns, omitted word roots or bound morphemes and user coded words. A second option for individually created coding uses SALT to sort and identify utterances by user-created search algorithms. SALT can be directed to find any symbols, words or combinations of items before, after or with any other items of interest. SALT can be directed to insert codes or words or utterances automatically, minimizing hand coding. SALT requires an IBM PC with at least 256K of memory and two disk drives.

PRODUCT: Software Directory/Communication Sciences and Disorder
VENDOR: American Speech-Language-Hearing Foundation
Publication Sales Office, ASHA
10801 Rockville Pike
Rockville, MD 20852
(301) 897-5700

PRODUCT DESCRIPTION: The Software Directory for Communication Sciences and Disorders provides descriptions on software programs which address communication skill areas including audiology, cognitive retraining, fluence, language, speech, voice and writing. Each description includes information on the publisher, target populations, computer requirements, and content of the program.

PRODUCT: Visi-Pitch
VENDOR: Kay Elemetrics Corporation
12 Maple Ave.
Pine Brook, NJ 07058
(201) 227-2000 (800) 289-5297

PRODUCT DESCRIPTION: The Visi-Pitch family of products provides speech/language pathologists, educators and researchers with the tools to analyze speech and voice characteristics and interface to an IBM PC or PS/2. It can be a clinical tool in treating voice disorders, motor speech disorders, laryngectomees and hearing-impaired clients. The client's understanding of the abstract principle of voice characteristics is enhanced by a concrete visual representation. The visual display allows the speaker to see monotone speech, prolongations of words and syllables, improper stress placement and inappropriate pitch and loudness levels.

Cognitive Skills

The programs listed here concentrate on the detection, training and retraining of cognitive and conceptual deficits. Some of the skill areas addressed include attention, memory, problem-solving, scanning, categorization and comprehension. These programs may be used with individuals who have deficits due to a stroke or traumatic head injury or who have a learning disability.

PRODUCT: Alpine Tram Ride
VENDOR: Merit Software
13635 Gamma Rd.
Dallas, TX 75244
(800) 238-4277

PRODUCT DESCRIPTION: Deductive reasoning is used to discover which of 10 animals are riding on four tram cars. Feedback after each attempt forces learners to reassess their solution and find the animals in a minimum number of tries.

PRODUCT: Animal Hotel
VENDOR: Merit Software
13635 Gamma Rd.
Dallas, TX 75244
(800) 238-4277

PRODUCT DESCRIPTION: Animal Hotel is a memory game similar to the game Concentration. Users choose the level of challenge by selecting from different time requirements and difficulty levels to find animals staying in hotels. Individual scoring is provided after each practice session.

PRODUCT: Aphasia Series: I through VIII
VENDOR: Parrot Software
P.O. Box 1139
State College, PA 16804
(814) 237-7282 (800) PARROT1

PRODUCT DESCRIPTION: These programs for aphasics and others with reading and comprehension problems operate with a single switch or space bar. In Aphasia I (Noun Association) and Aphasia II (Opposites-Similarities), the client matches a word to one of 10 words on the screen. Aphasia III (Categories) operates in the same way, except the clinician controls the time necessary for a response (from 3 to 30 seconds). Aphasia IV (Reading Comprehension) contains 10 stories with adult themes, with literal and inferential levels. A reading cursor highlights one line of the story at a time. Aphasia V (Sentence Completion) presents choices of words to fill in a sentence. Aphasia VI (Definitions) is identical except three definitions are presented as options for a word; foreign language or user-defined definitions are possible. Aphasia VII (Picture Identification) flashes pictures and asks user to spell the name of the object, highlighting incorrect letters. Aphasia VIII (Picture Naming) displays a picture and the user chooses the correct name from three options.

PRODUCT: CAPTAIN'S LOG: Cognitive Training Program
VENDOR: Network Services
1915 Huguenot Road
Richmond, VA 23235
(804) 379-2253

PRODUCT DESCRIPTION: CAPTAIN'S LOG was designed to train basic cognitive functions including attention, memory, concentration, visual/motor and reasoning skills. There are 28 programs in four modules: attention skills, visual/motor skills, conceptual skills and numeric concepts/memory skills. It uses a mouse, a trackball, a special joystick system or a Sip 'n' Puff Visual Control System to control the system. The VCS option enables the program to be controlled with head movement and breathing actions. The mouse or trackball input requires only one hand. Program options include three levels of difficulty in the game-like skill training, assessment mode or training mode, time of the trial and presence or absence of visual cues or prompts. Each of the four modules is on a disk, the System Master is for record management and back-up, and a data disk is included.

PRODUCT: Cave Girl Clair
VENDOR: Rhiannon Software
3717 Titan Dr.
Richmond, VA 23225
(804) 320-7584

PRODUCT DESCRIPTION: This program portrays believable children in realistic stories, rewards both integrated and creative thinking, values keen observation and memory over speed and enhances children's understanding of the natural world.

PRODUCT: Clowning Around
VENDOR: Merit Software
13635 Gamma Rd.
Dallas, TX 75244
(800) 238-4277

PRODUCT DESCRIPTION: A clown displays 12 objects from five classes and learner must use memory and discrimination skills to recall all 12 objects in as few tries as possible. Features random generation of objects, graphics and a challenging format.

PRODUCT: Cognitive Rehabilitation Series
VENDOR: Hartley Courseware Inc.
133 Bridge Street - Box 419
Dimondale, MI 48821
(800) 247-1380 (517) 646-6458

PRODUCT DESCRIPTION: This series addresses a variety of organizational deficits which often result from traumatic brai- injury and other neurologic impairments. The series consists of five separate program disks. The first four disks deal with the target concepts of Categorization (fits and misfits), Sequencing, Association and Memory. The fifth disk is an authoring program that allows a clinician to expand or individualize activities from the four content disks. All lessons are presented in a large easy-to-read upper/lower case letterset. Instructional design options allow the clinician to control the number of presentations, the number of tries before answers are given, the parameters on which a lesson terminates and other factors which may be required to meet individual patient needs.

PRODUCT: COGREHAB
VENDOR: Life Science Associates
1 Fenimore Road
Bayport, NY 11705
(516) 472-2111

PRODUCT DESCRIPTION: COGREHAB comprises 21 programs divided into four groups for diagnosis and treatment of attentional, memory and perceptual disorders. These units are for professionals or for use under the guidance of a professional. COGREHAB Vol. 1 identifies and treats cognitive deficits in strokes and brain injuries in a comprehensive program; Vol. 2 focuses on detection and retraining of perceptual deficits; Vol. 3 is for independent use by individuals with memory and related cognitive problems caused by an injury to the brain; Vol. 4 spans low to high level skills.

PRODUCT: Computer Progs. for Neuropsychological Testing & Rehab.
VENDOR: Dr. Robert Sbordone, Ph.D.
Orange County Neuropsychological Group
8840 Warner Ave.
Fountain Valley, CA 92708
(714) 841-6293

PRODUCT DESCRIPTION: The Sbordone-Hall Memory Battery provides the automatic assessment of 18 memory functions and statistical analysis of the results. The program provides performance data and analysis and comparison of patient scores and operates with an Echo speech synthesizer for auditory feedback (optional).

PRODUCT: Foundations I
VENDOR: Psychological Software Services Inc.
6555 Carrollton Ave.
Indianapolis, IN 46220
(317) 257-9672

PRODUCT DESCRIPTION: Foundations I is a series of visual and auditory reaction training programs. Simple Visual Reaction Time I-II records reaction time to a square presented randomly in time and place. Visual Reaction Stimulus Discrimination I-II records reaction to colored squares presented at random. Visual Reaction Differential Response records right or left reaction to a square on either side of a vertical line. Visual Reaction Auditory Prestimulus operates like Simple Visual Reaction, but includes a tone prior to the square to signal or inhibit response. Simple Auditory Reaction measures response time to a tone. Visual Scanning records accuracy and speed of response to a randomly presented variation in a tracking line. Visual Discrimination Differential Response I & II require discrimination between two stimuli and response with either hand. All programs require a joystick.

PRODUCT: Foundations II
VENDOR: Psychological Software Services Inc.
6555 Carrollton Ave.
Indianapolis, IN 46220
(317) 257-9672

PRODUCT DESCRIPTION: Foundations II is a series of visual scanning, tracking and reaction training programs. Visual Reaction Multiple Stimuli records reaction time to change in stimuli color. Visual Tracking records reactions to change in color of a randomly tracking stimulus. Visual Scanning II records reaction time to recognize a cluster of digits surrounding a symbol ($, # or %). Visual Scanning III records search reaction times to scan a column of letters to match a corresponding pair of highlighted letters. Multiple Attention/Response requires the user to control the needles of 1-5 dials to stay within a target zone. Complex Attention records speech and accuracy at indicating the sum of three digits. Simultaneous Multiple Attention records success at determining when moving stimuli surround a target. Joystick input is used; data is collected for all programs; a color monitor is required.

PRODUCT: Memory I
VENDOR: Psychological Software Services Inc.
6555 Carrollton Ave.
Indianapolis, IN 46220
(317) 257-9672

PRODUCT DESCRIPTION: Memory I is a series of four different types of memory training programs. Spatial memory asks users to learn an escape route from a concentric maze, where a correct guess advances the user and incorrect returns the cursor to the beginning. Verbal Memory (Sequenced Words) presents a series of words and asks the user to select the same words from an array of sixteen words, in the order that they were presented. Auditory Memory presents one or more tones that seem to slide up or down the scale and asks the user to reproduce the series of up/down combinations. Visual/Spatial Memory presents a symbol in a 5x4 matrix, then asks the user to recognize what symbol was seen and where on a blank array the symbol was presented. Program requires a joystick.

PRODUCT: Memory II
VENDOR: Psychological Software Services Inc.
6555 Carrollton Ave.
Indianapolis, IN 46220
(317) 257-9672

PRODUCT DESCRIPTION: Memory II is a series of memory training programs, an advanced version of Memory I (see entry). Spatial Memory (Objects/Locations) presents an array of 30 objects with a frame briefly around one or two objects; user must recall and select framed item. Visual Memory (Sequenced/Spatial) asks the user to recall which of twelve squares changed colors. Recognition Recall 1,2,3 presents 19 objects for a clinician-set period of time, then asks the user to recall which pictures were seen from a list of 90 words. Verbal Memory (Categorizing) asks the user to categorize 20 words into one of four groups (such as foods, animals, colors), then to recall as many as possible. Programs require use of either keyboard or joystick.

PRODUCT: Memory Match
VENDOR: Hartley Courseware Inc.
133 Bridge Street - Box 419
Dimondale, MI 48821
(800) 247-1380 (517) 646-6458

PRODUCT DESCRIPTION: This concentration-game format presents 25 lessons at different levels of difficulty. All lessons may be easily modified. In addition to any type of paired-associate learning, the program also helps students with visual learning and memory retention.

PRODUCT: Memory Series
VENDOR: University of Michigan - Intellectual Properties
2354 Institute for Social Research
U. of M. - Bldg. 3
Ann Arbor, MI 43109-1248
(313) 764-8202

PRODUCT DESCRIPTION: Memory Series is a PC software program for the assessment and treatment of memory problems. It consists of three assessment programs and one practice program. Designed to maximize use by independent clients, each program has its own introduction disk to train the client. Spoken components present digitized speech, and comprehensive results analyses are performed automatically. Word recall and retrieval and short-term memory skill exercises help clients with memory problems.

PRODUCT: Race the Clock
VENDOR: Mindplay
3130 North Dodge Blvd.
Tucson, AZ 85716
(800) 221-7911 (602) 322-6163

PRODUCT DESCRIPTION: Race the Clock is a learning game designed after the popular "Concentration" TV gameshow. The user matches pictures with pictures, pictures with words or words with words. Each box presented on the screen displays a verb or an animated figure acting out the verb's action. Selections may be made using the keyboard, a mouse or a joystick (not included). Race the Clock is equipped with a "challenge upgrade option" which allows various skill levels involved to be adjusted, independent of each other.

PRODUCT: Soft Tools '83, '84, '85
VENDOR: Cognitive Rehabilitation
6555 Carrollton Ave.
Indianapolis, IN 46220
(317) 257-9672

PRODUCT DESCRIPTION: The Soft Tools programs are menu driven disk versions of computer programs published in each issue of Cognitive Rehabilitation, a bimonthly publication. Soft Tools '84 includes titles such as Baker's Dozen, City Map, Descript Stats, Intercept and Sequential. Soft Tools '85 includes Alphabet, Alphabetizing, Circlematch, Digit/Symbol, Dot-to-Dot, Guess Which, Patterns and Sequences and Seq Memory. Contact Cognitive Rehabilitation for further information.

PRODUCT: Task Master
VENDOR: Life Science Associates
1 Fenimore Road
Bayport, NY 11705
(516) 472-2111

PRODUCT DESCRIPTION:
These menu-driven programs help users design their own tasks in six areas: Attention/Arousal, Scanning, Memory, Sequencing, Pair Identification and Reading. Therapists set up individualized tasks with their own stimuli (e.g. shopping lists, patients names, etc.) or built-in stimuli. Stimulus position, timing and sequencing are selectable, and tasks can be saved and re-used. Custom instructions may be written by the user.

PRODUCT: VISPA
VENDOR: DEKRO Inc.
4595 Club Dr. NE
Atlanta, GA 30319
(404) 237-3851

PRODUCT DESCRIPTION: VISPA, a cognitive training software package for the professional who treats persons with visuospatial deficits, consists of 104 programs in 9 exercise families, with two versions - children and adult. The system employs colored animated graphics that are gamelike but not childish. The VISPA system reacts to user responses, increasing the level of difficulty automatically when the user improves performance and switches to the next exercise family after reaching a peak of proficiency. The system measures and records quantitative information like reaction time, presented stimuli and user responses. A printout of results is generated. All exercises are controlled with a light pen or mouse rather than the standard keyboard. VISPA is available in several languages.

Electronic Communications

Children and adults who have a speech or language disorder can use an IBM Personal Computer alone or in conjunction with appropriate software and hardware modifications as augmentative communication aids.

Speech synthesizers connected to a computer or incorporated into the software can provide voice output. Alternate keyboard devices may serve as communication aids as well as input devices to the computer.

In addition to the electronic communication aids which interface with a computer, portable aids are also available. A portable aid may be used when accessibility to a computer is not convenient or practical.

PRODUCT: ACS Medicom Computer System
VENDOR: ACS Telecom
25825 Eshelman Ave.
Lomita, CA 90717
(213) 325-3055

PRODUCT DESCRIPTION: ACS Medicom Computer System is a complete system for communication, environmental control and computer access based on two IBM PCs. The PCs are connected as a parallel system and allow access to all IBM PC software. Two input systems are provided: voice and switch/body movement. The voice input system allows the user to create vocabularies which the computer will recognize and accept. The switch/body movement output system allows the user to enter data with a single switch, multiple switches or a joystick. A voice output option reads the screen via a speech synthesizer. With the ACS Medicom Computer System, the user may run standard software, control various appliances with BSR X-10 control modules, dial and talk on the telephone or communicate via computer networks. The system may be used for wheelchair and robotics control. Expansion options are available. Cost varies depending on features. ACS conducts research in rehabilitation technology.

PRODUCT: Alltalk
VENDOR: Adaptive Communication Systems
354 Hookstown Grade Rd.
Clinton, PA 15126
(412) 264-2288

PRODUCT DESCRIPTION: Alltalk is a portable, battery-powered speech output communication device. Selection of voice output is made with an adaptable, touch sensitive membrane overlay. It generates human voice quality output; the voice of the programmer is stored in reprogrammable microchips. Standard memory capacity is 600 words which can be expanded to 1200 words on special order. The expanded memory (Alltalk 4) permits the user to sequence pictures and store different vocabularies on four levels. Additional vocabularies may be stored using a tape-recorder.

PRODUCT: Augmentative Communication Evaluation System (ACES)
VENDOR: Adaptive Communication Systems
354 Hookstown Grade Rd.
Clinton, PA 15126
(412) 264-2288

PRODUCT DESCRIPTION: ACES is a complete professional workstation for client evaluation. It consists of a microcomputer with 640K and two disk drives, a hard disk (20MB), color and monochrome graphics cards and monitors, a letter-quality printer, speech synthesizer, several switches and software including word processing, database, DOS and utility programs, plus the ACES software. It is designed to guide the user through the augmentative communication evaluation process.

PRODUCT: Canon Communicator M
VENDOR: Canon U.S.A. Inc.
One Canon Plaza
Lake Success, NY 11042-9979
(516) 488-6700

PRODUCT DESCRIPTION: The Canon Communicator M is a portable communication aid that offers 190 keyboard functions and printed tape output. The A, B, C, D and E keys may be used to store words or phrases of up to 19 characters each. Messages or phrases stored may be changed at any time by the user. The Canon Communicator M may be used as an alternate input to a computer with a serial interface. Output from the Canon Communicator M is to a thermal dot printer. Input is made via direct selection. Keyguards, wheelchair mounting, raincover, arm belts and other accessories are available for the Canon Communicator M.

PRODUCT: CINTEX
VENDOR: NanoPac
6919 South 76th East Avenue
Tulsa, OK 74133
(918) 252-2959

PRODUCT DESCRIPTION: CINTEX is a software product allowing computer input by an eyebrow switch, a sip-n-puff switch, joystick or other contact switches. It offers functions for word processing and word prediction, printing, appliance and environmental control, telephone support, games, music composition and calculator use. An optional speech output and voice input function can recognize repeated sounds. The word processor contains anticipatory arrays providing word prediction, reducing the time to form words and sentences. Its environmental controller operates up to 256 household devices. Telephone support includes automatic dialing, switch to speaker phone, touch or pulse dialing and easy access to services requiring touch-tone input. The built-in full-function calculator includes registors, trigonometric and financial functions. The word processor accepts and stores musical notes allowing the user to compose music. The system provides musical playback without additional hardware.

PRODUCT: Communication Aids
VENDOR: Crestwood Company
P.O. Box 04606
Milwaukee, WI 53204-0606
(414) 461-9876

PRODUCT DESCRIPTION: This commpany provides over 90 communication aid products for disabled children and adults. They do not handle computer software, but their equipment serves as a starting point, ranging from toys to computers. The types of products include switches, talking aids and various kits of picture cards designed for those who cannot read or speak clearly.

PRODUCT: Communication Products for Hearing Impaired Persons
VENDOR: AT & T National Special Needs Center
2001 US Rt. 46 - Suite 310
Parsippany, NJ 07054
(800) 233-1222

PRODUCT DESCRIPTION: Various communication products for the hearing-impaired, particularly those that relate to the use of telephone service. AT&T offers a line of Telecommunication Devices for the Deaf (TDD).

PRODUCT: Computer Assisted Relay System (CARS)
VENDOR: Phone-TTY Inc.
202 Lexington Ave.
Hackensack, NJ 07601
(201) 489-7889 TDD201 489-7890

PRODUCT DESCRIPTION: CARS consists of hardware and software used to relay calls between hearing and non-hearing or non-speaking callers. It consists of a switch box, circuit switches and headset.

PRODUCT: E Z Com
VENDOR: Adaptive Communication Systems
354 Hookstown Grade Rd.
Clinton, PA 15126
(412) 264-2288

PRODUCT DESCRIPTION: E Z Com is a scanning and communication system designed for someone who needs widely-spaced characters in the scanning display or who can use auditory scanning with no display; it is for someone who has reasonably good spelling skills and requires single switch input. It is simple and limited - providing relatively slow communication.

PRODUCT: EvalPAC
VENDOR: Adaptive Communication Systems
354 Hookstown Grade Rd.
Clinton, PA 15126
(412) 264-2288

PRODUCT DESCRIPTION: EvalPAC is a portable, battery-powered communication aid with human quality, diphone-based voice synthesizer available in male or female voice. It mounts on the Epson keyboard and can be accessed through light pointer, scanning, joystick, morse code and Memkey Board. The software gives the ability to relocate letter, function and picture/symbol/phrase placement - rearranging the QWERTY keyboard. It has built-in text-to-speech features. It comes with an abbreviation expansion program and memory capacity of up to 27,000 characters. Voice output can be assigned to single picture selection or to picture sequencing.

PRODUCT: EyeTyper Model 300
VENDOR: Sentient Systems Technology Inc.
5001 Baum Blvd.
Pittsburgh, PA 15213
(412) 682-0144

PRODUCT DESCRIPTION: EyeTyper Model 300 is an electronic keyboard and portable communication aid controlled by eye gaze. The device is placed 11" in front of the user's eyes. The user then selects letters, numbers or commands by gazing at the appropriate positions. Longer units may be typed using two-gaze combinations. Vocabulary may be programmed by the user with the eyes, from an external keyboard or by loading from disk. Text is displayed on a 40-character LCD display and spoken by a built-in speech synthesizer. Overlays may be purchased or custom-made. Options include a printer, an external display and an external keyboard for programming vocabulary. A built-in keyboard emulating interface is provided, permitting the EyeTyper to be used as an alternate computer keyboard or to run an environmental control system.

PRODUCT: IBM PC Augmented Phone Services
VENDOR: IBM Corporation
Contact local IBM Authorized PC Dealer
(800) 426-2468

PRODUCT DESCRIPTION: Hearing- or speech-impaired persons can use an IBM PC to place or receive calls, and the other party needs only a touch-tone telephone. Spoken messages can be sent over phone lines by typing at the keyboard. The computer translates the text into speech audible to the other party. Using a touch-tone telephone keypad, that party types out messages for view on the display screen. It requires an IBM PC Voice Communication Option board in the IBM PC XT or AT with the Augmented Phone Services software program. For more details, see the Table of Contents.

PRODUCT: IntroTalker
VENDOR: Prentke Romich Company
1022 Heyl Rd.
Wooster, OH 44691
(800) 642-8255 (216) 262-1984

PRODUCT DESCRIPTION: IntroTalker is a simple, portable, battery-powered speech output communication device for nonspeaking people. It is a limited function device, offering speech output with a limited vocabulary. IntroTalker employs digitized speech, resulting in natural sounding speech. Minspeak semantic vocabulary organization is used in a limited way. It allows vocabulary items to be retrieved using a sequence of up to three multi-meaning icons. The keyboard has 32 keys which are 1-1/2" and requires 4 oz. of force. It can be programmed by a speaking person using the built-in microphone. Unit size is 13" x 7" x 3" and weight is 5 lbs.

PRODUCT: Lifestyle Personal Communicator
VENDOR: Garid Inc.
10180 Viking Dr.
Eden Prairie, MN 55344
(612) 941-5464

PRODUCT DESCRIPTION: The Lifestyle Personal Communicator, a two-way communication device for people with speech impairments, incorporates a voice synthesizer, connects to telephones to communicate with computers, TDDs/TTYs and has a changeable 253 message memory. Pocket size and weighing 18 ounces, the voice synthesizer speaks to listening people over the phone or in person, has a 1700 word vocabulary, can pre-record messages and has the capability for voice synthesis when words are spelled out. It records messages from computers, TDDs and TTYs; indicates busy signal, ringing or response; and dials phone numbers from memory. It signals incoming calls by alarm, vibrator or flashing light. The word processing function allows many words and phrases to be typed with one keystroke and saves messages in memory for transmission later. The device has clock, calendar and calculator functions. It has a 40 character liquid crystal display with .33 inch character height.

PRODUCT: Light Talker
VENDOR: Prentke Romich Company
1022 Heyl Rd.
Wooster, OH 44691
(800) 642-8255 (216) 262-1984

PRODUCT DESCRIPTION: Light Talker is an electronic communication aid with synthesized speech output and optional printer or keyboard emulating output. Selection can be direct with an optical head pointer or by scanning with switches (extra). Automatic scanning (single switch), row-and-column scanning (dual switch), directed scanning (multiple switches) and Morse Code (two or three switches) are all possible. The Light Talker can be used with either Express or Minspeak firmware. Express allows vocabulary to be stored using the following techniques: levels (128 locations on each of 99 levels), abbreviation expansion and number encoding. Minspeak allows vocabulary to be stored by abbreviation expansion or semantic compaction. Light Talker can also operate an environmental control system. Options for Light Talker include an external printer, a keyboard emulating interface that works with the IBM PC and kits for converting the keyboard to 8 or 32 positions, rather than the usual 128.

PRODUCT: Multi-Scan
VENDOR: Adaptive Communication Systems
354 Hookstown Grade Rd.
Clinton, PA 15126
(412) 264-2288

PRODUCT DESCRIPTION: Multi-Scan allows the computer screen to be used as a scanning communication aid. The instructor designs a grid of communication symbols on a sheet of transparent plastic and places it on the computer screen. Through a system of menus, the instructor selects the number of scanning positions, the scanning speed and, if desired, the word or phrase that will be spoken by a speech synthesizer when a particular selection is made. A lighted area on the screen moves through the positions on the grid, and the user makes the selection by activating a single switch. A Personal Speech System (Votrax International) and the necessary adaptive hardware are required to use Multi-Scan with voice output.

PRODUCT: Personal Speech System
VENDOR: Votrax Inc. - Consumer Products
38455 Hills Tech Dr.
Farmington Hills, MI 48331-3421
(800) 521-1350 (313) 588-2050

PRODUCT DESCRIPTION: Personal Speech System (PSS) is a self-contained external speech synthesizer that connects to the serial or parallel port of a computer. Data sent to that port goes to the PSS as it would normally go to a printer and comes out as synthesized speech from an internal speaker. Pronunciation is determined by phonetic rules progammed into the PSS. Optional phonetic rules may be programmed by the user, and text may be sent in standard orthographic or special phonetic spellings. The PSS has music capabilities. A 3,500 character buffer is provided so no delay in speech transmission occurs. Inflection, rate and amplitude of speech are adjustable. The PSS has its own auxiliary serial and parallel ports, so a printer can remain connected while the PSS is hooked up. Contact the manufacturer about voice-output software written for the PSS. This product is supported by the IBM PS/2 Screen Reader.

PRODUCT: Portable Anticipatory Communication Aid (PACA)
VENDOR: ZYGO Industries
P.O. Box 1008
Portland, OR 97207-1008
(503) 684-6006

PRODUCT DESCRIPTION: This row/column scanning aid has a built-in 24-column printer, microcassette storage unit, and optional voice output. The features promote person-to-person communication, note-taking, writing and calculation. A scanning alphabet "keyboard" is continually changed on the LCD screen to present the most efficient matrix for letters following the previously selected letter. Once two letters are chosen, words are offered that begin with those letters. The PACA has a 750 word memory which automatically learns and ranks all the vocabulary generated by the user. Phrase storage is available by using common abbreviation/expansion codes. All speed and operating characteristics are user-definable from the PACA's menus. The system is wheelchair mountable and can be used with many single switch controls. This product is an extension of the HX 20. With additional options the price of the (PACA) is 2500.00.

PRODUCT: QED Scribe Communication Aid
VENDOR: ZYGO Industries
P.O. Box 1008
Portland, OR 97207-1008
(503) 684-6006

PRODUCT DESCRIPTION: This small communication aid has soft-push membrane keys arranged in a typewriter pattern (QWERTY). Messages are composed and edited on a 24-character visual screen. Selection of the Print key transfers the information to a paper tape of the same line width. Up to 26 frequently used messages may be stored and recalled with two keystrokes. A call signal initiates conversations and requests assistance. Finger or pointer may be used to access the keyboard. Features include guarded keyboard, upper/lower case letters on both display and printer and special function keys. The QED weighs 1 lb.-12 oz. and is 9-1/2" x 6" x 2". Power source is rechargeable batteries.

PRODUCT: RDS Speech and Learning Center System
VENDOR: Royal Data Systems
Rt. 14 Box 230
Highway 64 West
Morganton, NC 28655
(704) 433-5909 (800) 843-9750

PRODUCT DESCRIPTION: The RDS Speech and Learning Center System uses a speech synthesis sytem, an alternate input device and a master software program to create a base platform system which can be customized for a variety of uses. An external hardware device produces human-like machine speech to verbalize both input and output of the system. A touch-sensitive keypad allows up to 300/600 separate user programmable keys to be defined by a simple keystroke for data input. Stock and custom adaptive applications are provided to configure the system for personal communication needs or for teaching literacy skills. One model is available as a peripheral device ready to connect to an IBM computer and a second model is complete with its own computer system.

PRODUCT: RealVoice
VENDOR: Adaptive Communication Systems
354 Hookstown Grade Rd.
Clinton, PA 15126
(412) 264-2288

PRODUCT DESCRIPTION: RealVoice is a portable, battery-powered communication aid with human quality, diphone-based speech synthesizer available in male or female voice. The software has built-in text-to-speech features permitting messages to be keyed on the keyboard and spoken via RealVoice or printed on the printer. Memory capacity is 27,000 characters. RealVoice has push button dialing telephone capability, adjustable feedback modes, volume control and the ability to store programs on tape. Options include Unicorn Expanded Keyboard, Small Memkey Board, Apple and IBM emulators, keyguards and protective cover.

PRODUCT: RealVoice with Small Memkey Board
VENDOR: Adaptive Communication Systems
354 Hookstown Grade Rd.
Clinton, PA 15126
(412) 264-2288

PRODUCT DESCRIPTION: RealVoice with Small Memkey Board is a portable, battery-powered communication aid with human voice quality diphone-based synthesizer available in male or female voice. It mounts easily and does not require an interface box. The software gives the ability to relocate letter, function and picture/symbol placement - rearranging the keyboard. It has built-in text-to-speech features permitting messages to be typed on the keyboard or the Memkey Board or printed on the printer or spoken via RealVoice. Memory capacity is 27,000 characters. It has built-in push button telephone dialing, adjustable time delays and volume control and the ability to store programs and vocabulary on tape. Options include wheelchair mounting, environmental controls, keyboard emulation for Apple and IBM PCs.

PRODUCT: Say-It-All II Plus
VENDOR: Innocomp
33195 Wagon Wheel Drive
Solon, OH 44139
(216) 248-6206

PRODUCT DESCRIPTION: Say-It-All is a battery-powered text-to-speech sunthesizer. The user-definable phrase storage accommodates those with changing communication needs or institutions with multiple users. It adapts to symbol-based communication systems such as Bliss symbols and Touch and Talk stickers. The lightweight unit is 15" x 7" x 1.5" and can be carried or wheelchair mounted. Eight synthesized speech voices are available including male, female and child. Additional Say-It-All units with other options are available.

PRODUCT: Speakwriter 2000
VENDOR: HumanWare Inc.
6140 Horseshoe Bar Rd. - Suite P
Loomis, CA 95650
(800) 722-3393 (916) 652-7253

PRODUCT DESCRIPTION: Speakwriter 2000 pairs an electronic typewriter with a basic speech synthesizer to provide an electronic typing system that talks.

PRODUCT: SpeechAid
VENDOR: Intex Micro Systems Corporation
P.O. Box 12310
Birmingham, MI 48012
(313) 540-7601

PRODUCT DESCRIPTION: SpeechAid is a portable communication aid that provides synthesized voice output of letters, phonemes, words or phrases typed on the keyboard. SpeechAid has virtually unlimited vocabulary, pronounces the 5,000 most common conversational words with nearly 100 percent accuracy and comes with 80 preprogrammed commonly-used phrases that can be recalled with combinations of two keystrokes. The user also stores custom messages of up to 2000 characters, each of which can be recalled with a single keystroke. SpeechAid has a 64-pitch inflection control and can speak musical tones in a five-octave range. SpeechAid comes with an RS-232C serial interface for output to a printer or a computer. Membrane keyboards with tactile feedback are available.

PRODUCT: Telecommunication Devices for the Deaf
VENDOR: Ultratec Inc.
6442 Normandy Lane
Madison, WI 53719
(608) 273-0707

PRODUCT DESCRIPTION: In addition to a variety of Telecommunication Devices for the Deaf (TDDs), Ultratec also manufactures signaling devices, large visual TDD displays and TDD emergency devices.

PRODUCT: Touch 'N Talk Micros
VENDOR: Imaginart Communication Products
P.O. Box 1868
Idyllwild, CA 92349
(714) 659-5905

PRODUCT DESCRIPTION: Touch 'N Talk Micros are smaller (5/8" square) versions of the Touch 'N Talk Communication Stickers to affix to overlays on electronic communication devices. These stickers indicate which keys have been programmed to speak an entire word or phrase. Included in the 660-sticker set are Touch 'N Talk Symbols: less specific graphic symbols used to identify broad categories or abstract ideas. Purpose: to increase communication rate by touching one or two symbols rather than typing an entire message.

PRODUCT: Touch Talker
VENDOR: Prentke Romich Company
1022 Heyl Rd.
Wooster, OH 44691
(800) 642-8255 (216) 262-1984

PRODUCT DESCRIPTION: Touch Talker is a portable electronic communication aid offering synthesized speech output and optional printer or keyboard emulating output. Selections are made by pushing keys on the membrane keyboard. Messages may be viewed on an LCD display before being spoken. The Touch Talker may be used with Express or Minspeak Firmware. Express firmware allows vocabulary to be stored and recalled using the following techniques: levels (128 locations on each of 99 levels), abbreviation expansion and number encoding. Minspeak firmware allows vocabulary to be stored and recalled by semantic compaction. Touch Talker can also operate an environmental control system; options include an external printer, a keyboard emulating interface compatible with the IBM PC and kits for converting the keyboard to 8 or 32 positions (rather than 128).

PRODUCT: Trine System
VENDOR: Adaptive Communication Systems
354 Hookstown Grade Rd.
Clinton, PA 15126
(412) 264-2288

PRODUCT DESCRIPTION: The ACS Trine System is a three-function communication aid, serving as a portable electronic notebook, a communication aid with printed or synthesized voice output and an alternate input to a general purpose computer. The function can be changed with a single keystroke. The system is based on the Epson HX-20 PC and is equipped with a standard keyboard, an 80-character LCD display, a built-in strip printer, an optional speech synthesizer and the Trine software and documentation. Text can be composed in six word spaces, each holding up to 55 20-character lines and retaining their memory when the power is off. Text can be reviewed on the display and can be spoken (optional), printed or stored on microcassette. Programs for abbreviation expansion (QuicKey) and single-finger operation are provided. The keyboard emulating interface complies with the industry standard for KEIs. The RealVoice is not available for the Trine System.

PRODUCT: Unicorn Expanded Keyboard
VENDOR: Unicorn Engineering Inc.
5221 Cnetral Ave. - Suite 205
Richmond, CA 94804
(415) 528-0670

PRODUCT DESCRIPTION: The Unicorn Expanded Keyboard is a user-friendly alternative keyboard with large keys. It operates virtually all software. With a speech synthesizer, each key can output a spoken message. It contains 128 user-definable keys, each 1.25 inch square. Individual keys can be grouped together to form larger squares. The touch-sensitive area of the keyboard measures ten inches by twenty inches. Customizing is accomplished by using interchangeable overlay sheets which slide beneath the clear plastic cover on the Unicorn. Blank overlays are provided which can be labeled using magic markers, pictures, stickers, etc. Interface required.

PRODUCT: Vois 140
VENDOR: Phonic Ear Inc.
250 Camino Alto
Mill Valley, CA 94941
(415) 383-4000

PRODUCT DESCRIPTION: This portable augmentative communication system is preprogrammed with 891 words and 19 commonly used phrases. Personal programmable memory allows for up to 3000 entries in 100 locations. A keyguard option is available to facilitate accessing. Unlimited vocabulary is available through the combined use of words, phonemes, morphemes and letters. There are 16 "light touch" sensitive membrane keys for 3-digit encoding. Weighing about 2 pounds, the Vois 150 allows for row-column or directed scanning for access by single switch or joystick. Large graphics and tonal scanning are features which can assist a visually-impaired user.

PRODUCT: Wireless Data Transmission System
VENDOR: Prentke Romich Company
1022 Heyl Rd.
Wooster, OH 44691
(800) 642-8255 (216) 262-1984

PRODUCT DESCRIPTION: Wireless Data Transmission System, a portable transmitter and stationary receiver, transmits ASCII output from a PC or communication aid to a stationary computer or environmental control system. The small portable transmitter connects to the portable input device (computer or communication aid) and transmits output via radio waves to a stationary transmitter connected to the computer or environmental control system. The transmitter unit receives power from the portable input device, and the receiver gets power from the host stationary device. Various portable input devices and various stationary computers or environmental controls work with the system.

PRODUCT: Zygo ScanWRITER
VENDOR: ZYGO Industries
P.O. Box 1008
Portland, OR 97207-1008
(503) 684-6006

PRODUCT DESCRIPTION: Zygo ScanWRITER is a portable scanning communication and writing aid with a 20-character LCD display, a 20-column built-in printer and optional voice output. The user generates characters from a full keyboard scanning array. Scanning may be row-and-column (single switch) or directed (multiple switches). Up to 800 characters may be stored at 40 locations for quick messages. A 120-character temporary private storage area (for display without printing) is provided. Up to 4000 characters in total may be stored by the user at 156 locations. A text-to-speech synthesizer may be added for voice output. ScanWRITER can also be used as an alternate keyboard with the purchase of a special keyboard emulating interface.

IBM PC Augmented Phone Services

IBM PC AUGMENTED PHONE SERVICES

PURPOSE

Augmented Phone Services is an application program that allows IBM PC users with hearing and/or speech impairments to access a phone system. Using the Voice Communications adapter, Augmented Phone Services users may communicate with hearing persons who are using touch-tone phone keypads.

HIGHLIGHTS

- Generation of synthetic speech over phone lines from keyboard input
- Detection and translation of received touch-tone signals into text messages that are displayed on the IBM PC monitor
- Automatic answering and storing of received text messages
- Storing of announcement, emergency and other prepared messages for later playback during phone calls
- Create, store, update and delete records in a phone directory
- Dial from phone directory entries, keyboard or telephone
- Last number re-dialing
- Saving copies of conversations on diskette/disk
- Printing copies of conversations
- Word list personalization for commonly used acronyms, abbreviations, proper names, etc., for caller convenience
- Multiple Augmented Phone Services users on a single IBM PC
- Flexible word list with a base of 8,500 words

DESCRIPTION

With Augmented Phone Services, a user communicates with a caller by speaking on the telephone or by keying words at the IBM PC keyboard. These keyed words are translated into synthetic speech and sent over the phone line to the caller. The caller communicates with the Augmented Phone Services user by speaking on the telephone or by keying words on the touch-tone keypad. Since a telephone key can represent 1 numeric character or 3 alphabetic characters (Example: "2" can be "A," "B" or "C"), Augmented Phone Services uses an 8,500-word list to determine the word or alternative words keyed. Augmented Phone Services displays both halves of this "keyed" conversation in text-form on the IBM PC monitor and stores the "conversation" at user option. Users may add any words or names to the word list.

An answering machine function is provided to receive and store incoming messages keyed from touch-tone telephones.

CUSTOMER RESPONSIBILITIES

The customer is responsible for program setup and operation, implementation of backup procedures and applicable problem determination procedures.

SPECIFIED OPERATING ENVIRONMENT

HARDWARE AND SOFTWARE REQUIREMENTS

- IBM Personal Computer, IBM Personal Computer XT or IBM Personal Computer AT with a minimum storage of 448KB and one dual-sided 360KB 5 1/4" diskette drive
- IBM Color Display with the IBM Color/Graphics Display Adapter or the IBM Monochrome Display with the IBM Monochrome Display and Printer Adapter (the IBM Enhanced Graphics Adapter and IBM Enhanced Color Display are supported with enhanced text mode)
- The IBM PC Voice Communications Option (6294771) with appropriate telephone connections
- IBM Personal Computer Disk Operating System (DOS) Version 2.1 or higher

PACKAGING

- IBM PC Augmented Phone Services is distributed with a User's Guide, Quick Reference Guide, Telephone User's Quick Reference Card and two dual-sided diskettes: for the program and for data

CONFIGURATION REQUIREMENTS

The following hardware/software requirements are needed for the Voice Communications Option:

- Voice Communications Option, part number 6294771
- Voice/Phone Assistant, part number 6280741
- Personal Telephone Manager Program, part number 1642004
- Augmented Phone Services, part number 6280740
- Voice-Activated Keyboard Utility, part number 6280742
- Voice Communications Adapter, part number 768439
- Voice Communications Operating Subsystems, part number 6280708
- Voice Communications Application Program Interface, part number 6280743

For additional information, contact your IBM marketing representative, your Authorized IBM PC Dealer or the IBM National Support Center for Persons with Disabilities.

(800) 426-2133 (Continental USA Voice/TDD)

(404) 238-4806 (TDD)

IBM Personal System/2 SpeechViewer

FOLLOWING 10 YEARS OF RESEARCH, IBM PRESENTS SPEECHVIEWER

The IBM Personal System/2 SpeechViewer is a clinical tool that addresses a key element in speech therapy: the feedback process. Bold animated displays and audio playback refine and simplify the process by focusing on the speech signal and by making feedback information clear and meaningful.

This clinical tool is based on 10 years of research at the IBM France Scientific Center and the help of teachers and clinicians who have used prototypes in 29 countries on 6 continents.

A group of 12 clinical modules is designed to complement your most successful therapy methods. The diversity of modules makes SpeechViewer appropriate for all age ranges and for many speech disorders. It will help you present well-defined speech stimuli, help your clients makes progress with each response and provide your clients with motivational feedback that holds their interest.

SpeechViewer helps develop basic **awareness** of selected dimensions of speech, such as pitch, loudness, timing and the presence or absence of voice. It provides **skill-building** exercises for speech functions, such as pitch, timing and phoneme production, outside of the context of language. Speech **patterning** modules help your clients refine articulation and prosody with analytical displays.

IBM Personal System/2 SpeechViewer is an exciting clinical tool that lets your clients view their speech in a new light.

SPEECH THERAPY TAKES ON A NEW FACE

SpeechViewer's awareness modules attract attention and introduce basic concepts to alert clients to acoustic components of speech. Each module lets your clients play with speech by controlling colorful displays that focus on one or two dimensions of sound. Clients respond quickly to real-time interaction between speech sounds and computer displays.

A PICTURE IS WORTH A 1000 PHONEMES

SpeechViewer's **SKILL BUILDING** modules motivate clients with pictorial displays and game-like strategies using interactive feedback. These modules give practice in manipulating basic acoustic components of speech in an environment free from language. The clinician sets task levels and performance criteria to match client capabilities. Auditory and visual displays reinforce successful performance. One module gives immediate feedback for building skill in pitch control, another in the timing of voicing. A third module helps develop vowel accuracy, a fourth exercises the perceptual and motor skills required to contrast vowel productions.

SEE WHAT YOU'RE SAYING

The **Patterning** displays make the advantages of analytical laboratory equipment available in an easy-to-use clinical tool. These modules complement the **Skill Building** modules with technical feedback. Two of the modules allow you to collect and replay running speech. Then you can examine all, or part, of the speech sample in detail. You can save speech samples for tracking client's progress or for creating module stimuli for future use. Optional display settings let you look at pitch patterns, loudness patterns or at the

oscilloscopic tracing of the waveform. These modules also present statistical data on pitch and loudness. The third module lets your clients use speech spectra to experiment with the best method of producing speech sounds.

SPEECHVIEWER AT A GLANCE

SpeechViewer offers a Convenience Kit* which contains the following items:

Hardware Option

SpeechViewer adapter and diagnostics
audio-technica(R) microphone and cable
audio-technica(R) speaker and cable
SpeechViewer Hardware Installation instructions

Application Software Option

SpeechViewer Application Software User's Guide
SpeechViewer Application Software Quick Reference
2-3.5" diskettes containing Application Software

SpeechViewer:

Operates on all IBM Personal System/2 Model 25, 30 and 30-286s
(for optimum performance a configuration with a fixed disk and a color display is recommended)

Runs on IBM DOS 4.00
Requires a minimum storage of 512KB
Provides a one-year limited warranty on IBM hardware
(Limited warranty on microphone and speaker provided by Audio-Technica U.S., Inc.)

To Order the IBM Personal System/2 SpeechViewer Convenience Kit, part number 6450610, call IBM at:

1-800-426-2468
(Continental USA)

1-800-465-1234
(Canada)

*The hardware and application software options may be obtained separately.

Support Groups

Agencies and Associations

The support groups listed include agencies and professional associations. The information and services provided by these organizations vary widely from distribution of basic fact sheets to sponsorship of research facilities. Most of these organizations use numerous approaches to disseminate information and direct activities toward a diverse audience. Examples of some activities and services provided by these groups include information clearing house; legislative monitoring; peer counseling; sponsorship of conferences, workshops and seminars. Please read the descriptions and contact the groups directly for specific details. (Groups are sorted alphabetically by city within each state.)

State AK

Governor's Council for the Handicapped and Gifted
600 University Ave. - Suite C
Fairbanks, AK 99701
(907) 474-2440

State AK

Alaska Office of Vocational Rehabilitation
Pouch F MS 0581
State Office Building
Juneau, AK 99811
(907) 465-2814

This center offers counseling, social work, pre-vocational training, placement and computer access.

State AL

Easter Seals Occupational Rehabilitation Center
1616 Sixth Ave. South
Birmingham, AL 35233
(205) 939-5800

This Center helps provide counseling, vocational evaluation and employability development services to disabled individuals which will maximize independent living skills and assist in rehabilitation services.

State AL

UCPA of Birmingham
2430 11th Avenue North
Birmingham, AL 35234
(205) 251-0165

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They will assist eligible users in evaluating appropriate solutions, ordering, installing and ongoing support. They will demonstrate the IBM Personal System/2 Screen Reader.

State AL

Communication Rehabilitation Services
201 Sleepy Hollow Circle
Birmingham, AL 35216
(205) 967-2050

State AL

Easter Seal Rehabilitation Center of Central Alabama
2125 East South Blvd.
Montgomery, AL 36199
(205) 288-0240

This center helps with counseling, education, employee evaluation, skill development training, health, professional training and rehabilitation.

State AL

Alabama Division Rehabilitation & Crippled
2129 East South Blvd.
Montgomery, AL 36111
(205) 281-8780

This division helps people with rehabilitation, education, counseling, computers, health employee counseling and professional training.

State AR

Arkansas Easter Seal Society
2801 Lee Avenue
P.O. Box 5148
Little Rock, AR 72225
(501) 663-8331

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for disabled persons. They assist eligible users in evaluating appropriate solutions, ordering, installing and ongoing support.

State AR

Rehabilitation Services Division
Department of Human Services
1401 Brookwood Drive, P.O. Box 3781
Little Rock, AR 72203
(501) 371-2571

Counselors coordinate vocational evaluation, counseling, training and placement sevices and can also refer clients to community resources, such as independent living centers.

State AZ

Rehabilitation Services Bureau
Department of Economic Security
1300 West Washington
Phoenix, AZ 85007
(602) 542-3332

Counselors coordinate vocational evaluation, counseling, training and placement sevices and can also refer clients to community resources, such as independent living centers.

State CA

World Institute on Disability
1720 Oregon St.
Berkeley, CA 94703
(415) 486-8314 Voice/TDD

The World Institute on Disability is a public policy center run by persons with disabilities. Its goal is to use research, public education, training and model program development as means to create a more accessible and supportive society for all people - disabled and nondisabled alike.

State CA

Sonoma State Hospital/Development
Communication Engineering
P.O. Box 1493
Eldridge, CA 95431
(707) 938-6306

State CA

UCPA of San Diego County (North)
750 N. Citracado Parkway - Suite D
Escondido, CA 92025
(619) 743-1050

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They will assist eligible users in evaluating appropriate solutions, ordering, demoing and ongoing support.

State CA

Governor's Committee-Employment of Disabled Persons
800 Capitol Mall - room 4036
Sacramento, CA 95814
(916) 323-2545

The committee works with community employers throughout California to promote the hiring of disabled persons.

State CA

California Department of Rehabilitation
830 K Street Mall
Sacramento, CA 95814
(916) 323-0318

This state agency helps persons with disabilities enter or return to work and live more independently - for persons with physical or mental disabilities who have a reasonable expectation of holding a job after receiving rehabilitation services tailored to their needs.

State CA

Clearinghouse Depository for Handicapped Students
P.O. Box 944272
Sacramento, CA 94244-2720
(916) 445-5103 (916) 445-1290

This group provides specialized instructional material, aids and equipment to students from preschool through college. It records and duplicates textbooks for the visually impaired and provides consultant services to schools serving the visually impaired. It provides people who transcribe into Braille, large print and cassette tapes.

State CA

Vocational and Occupational Inform. Cntr for Educators
560 J St. - Suite 385
Sacramento, CA 95814
(916) 445-0401

VOICE assists California vocational education teachers, administrators and students by providing materials, textbooks, curriculum guides and reports of studies. They offer a computerized catalog.

State CA

Easter Seal of Santa Cruz & Monterey Counties
621-A Water Street
P. O. Box 626
Santa Cruz, CA 95061
(408) 427-3360

State CA

Direct Link for the Disabled
P.O. Box 1036
Solvang, CA 93463
(805) 688-1603

A nonprofit referral agency, Direct Link maintains listings of more than 10,000 organizations and commuinty-based resource centers for all ages and disabilities.

State CA

Micro Abilities
98 Main St. - Suite 232
Tiburon, CA 94920
(415) 435-2966

This group provides services in the form of a research center, training and diagnostic center.

State CO

Colorado Coalition - Persons with Disabilities
789 Sherman St. #520
Denver, CO 80203-3532
(303) 863-0113 303-861-2735TDD

Usually called "Committee on Employment of the Handicapped." Works with community employers to promote the hiring of disabled persons.

State CO

National Stroke Association
300 East Hampden - Suite 240
Englewood, CO 80110-2622
(303) 762-9922

NSA is a nonprofit organization dedicated to reducing the incidence and effects of stroke through activities related to prevention, medical care, rehabilitation and resocialization.

State CO

Colorado Easter Seal Society
5755 West Alameda
Lakewood, CO 80226
(303) 233-1666

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They will assist eligible users in evaluating appropriate solutions, ordering, installing and ongoing support. They are able to demonstrate the Personal System/2 Screen Reader. This CSO also maintains a full-service Computer Resource Center to provide information and training for disabled persons, their families and the professionals who work with them.

State CO

Disability Information & Referral Service
3805 Marshall St.
Wheat Ridge, CO 80033
(303) 420-2942 800/255-3477TDD

The DIRS provides information about services available to persons with disabilities, their families and support groups. Through a computerized database, DIRS has information from the private sector, government and government-supported agencies.

State CT

Connecticut Parent Advocacy Center
5 Church Lane
East Lyme, CT 06333
(203) 739-3089

This statewide organization provides information and support to families of children with disabilites.

State CT

Connecticut Special Education Resource Center
25 Industrial Park Rd.
Middlewtown, CT 06457
(203) 632-1485

Assisting professionals and parents as they provide education for children with disabilities. Services include: library, instructional resources exhibit, newsletter, information dissemination, personnel development for all disabilities.

State CT

AbleData (Newington CHildren's Hospital)
181 E. Cedar St.
Newington, CT 06111
(800) 344-5405 (203) 67-5405

Funded by the National Institute on Disability and Rehabilitation Research, AbleData maintains a database with over 15,000 listings of adaptive devices for all disabilities.

State CT

Easter Seal Rehab Center of SW Connecticut
26 Palmer's Hill Rd.
Stamford, CT 06902
(203) 325-1544

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They will assist eligible users in evaluating appropriate solutions, ordering, installing and ongoing support. They are able to demonstrate the Personal System/2 Screen Reader.

State **CT**

Governor's Committee-Employment of Disabled
200 Folly Brook Blvd.
Wethersfield, CT 06109
(203) 566-8061

The governor's committee works with community employers to promote the hiring of disabled persons.

State **DC**

United Cerebral Palsy Associations
1522 K St. NW - Suite 1112
Washington, DC 20005
(202) 842-1266 (800) USA-5UCP

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They will assist eligible users in evaluating appropriate solutions, ordering, installing and on-going support.

State **DC**

RESNA
1101 Connecticut Ave. NW - Suite 700
Washington, DC 20036
202) 857-1199

An interdisciplinary association for the advancement of rehabilitaion and assistive technology.

State **DC**

American Society of Travel Agents Inc.
4400 MacArthur Blvd. NW
Washington, DC 20007
(202) 965-7520

This national association publishes "The United States Welcomes Handicapped Visitors," a brochure dealing with disabled travelers visiting the U.S.

State **DC**

Autism Society of America (ASA)
1234 Massachusetts Ave. NW - Suite 1017
Washington, DC 20005
(202) 783-0125

ASA, the Autism Society of America, is a national parent, professional and advocacy organization for people with autism offers services on a local level as well as public policy advocacy and information and referral services. This organization provides information relating to contemporary developments in the field of autism.

State DC

Mayor's Committee on Handicapped Individuals
605 G St. NW - Suite 1101
Washington, DC 20001
(202) 727-0924

Usually called "Committee on Employment of the Handicapped," this committee works with community employers to promote the hiring of disabled persons.

State DC

Rehabilitation Engineering Center
1901 Pennsylvania Ave. NW - Suite 700
Washington, DC 20006
(202) 955-5822

The center is a research facility funded by the Department of Education to promote the transfer of technology to people with disabilities.

State DC

Veterans Admin. Information Technology Center
810 Vermont Avenue
Washington, DC 20420
(202) 389-5571

Microcomputer training program for persons with disabilities - for Federal employees.

State DC

Pres. Committee-Employment of Persons w/Disabilities
1111 20th St. NW - room 660
Washington, DC 20036
(202) 653-5050 202/653-7386FAX

Publications, online computer databank with information on aids and devices. Assistance provided employers concerning job accommodations for persons with disabilities.

State DC

Deafness and Communication Disorders Branch
Rehabilitation Services - Dept. of Education
330 C St. SW - Room 3316
Washington, DC 20201
(202) 732-1401 202/732-1330TDD

This organization promotes improved and expanded rehabilitation services for deaf, hearing impaired, speech impaired and language disordered individuals. It provides technical assistance to RSA staff, state rehabilitation agencies, other public and private agencies and individuals.

State DC

National Organization on Disability
2100 Pennsylvania Ave. NW - Suite 232
Washington, DC 20037
(202) 293-5960

Supports over 1700 local volunteers through community partnerships.

State **DC**

Clearinghouse on Computer Accommodation (COCA)
18th and F St. NW - KGDO, room 2022
G.S.A.
Washington, DC 20405
(202) 523-1906

Information available concerning accommodations for the following disabilities: vision, mobility, hearing, learning, mental, speech. Primary focus is assistance to federal agencies.

State **DE**

Governor's Committee-Employment of Handicapped
Delaware Elwyn Building
321 East 11th Street
Wilmington, DE 19801
(302) 571-3915

The governor's committee works with community employers to promote the hiring of disabled persons.

State **DE**

Division of Vocational Rehabilitation
Dept. of Labor - Delaware Elwyn Building
321 East 11th Street
Wilmington, DE 19801
(302) 571-2851

Counselors coordinate vocational evaluation, counseling, training and placement sevices and can also refer clients to community resources, such as independent living centers.

State **FL**

Florida Community College at Jacksonville
4501 Capper Rd. - Bldg. C-107
Jacksonville, FL 32218
(904) 766-6607

Data processing training - evaluation and training.

State **FL**

Computer Resource Center
207 N. San Marco Ave.
St. Augustine, FL 32084
(904) 828-1654 ext. 510

The center provides computer training for teachers in Florida who work with students who have vision or hearing disabilities.

State FL

Florida Council for the Hearing Impaired
Knott Bldg.
Tallahassee, FL 32399
(800) 451-4327 (904) 488-5087

This state agency oversees services to hearing impaired persons and administers a program which distributes telecommunications equipment to hearing impaired and speech imparied persons.

State GA

Atlanta Center for Independent Living
1201 Glenwood Ave. SE
Atlanta, GA 30316
(404) 656-2952

Community-based independent (non-residential) living program operated by the Georgia DHR, rehabilitation division - providing individual learning skills training and community development, education and outreach for persons with physical and sensory disabilities.

State GA

Governor's Committee-Employment of Handicapped
878 Peachtree St. NE - Suite 707
Atlanta, GA 30309
(404) 894-5638

The governor's committee works with community employers to promote the hiring of disabled persons.

State GA

Atlanta Job Link - A Project with Industry
Georgia Sensory Rehabilitation Center
1568 Willingham Dr. - Suite F-200
Atlanta, GA 30337
(404) 768-1656

Atlanta Job-Link Project with Industry is a non-profit organization initiated by the ADAPSO Foundation in cooperation with the Electronics Industry Foundation and the Georgia Department of Human Resources - Rehabilitation Services. This partnership helps satisfy labor market demands by matching qualified disabled workers with job openings at no cost to employers.

State GA

Atlanta Easter Seal Center
2030 Powers Ferry Rd. - Suite 140
Atlanta, GA 30339
(404) 980-1744

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They will assist eligible users in evaluating appropriate solutions, ordering, installing and ongoing support.

State GA

Lekotek of Georgia
2030 Powers Ferry Rd. - Suite 140
Atlanta, GA 30339
(404) 980-1744

Lekotek, a toy lending library, provides family support and innovative play techniques to encourage child development and increase self-esteem. Serving children with any exceptionality up to age 8, Lekotek offers a parent support group, movement and music classes and computer lab classes.

State HI

Vocational Rehabilitation Services
Department of Social Services
P.O. Box 339
Honolulu, HI 96809
(808) 548-4769

Counselors coordinate vocational evaluation, counseling, training and placement services and refer clients to community resources, such as independent living centers.

State HI

Commission on the Handicapped
335 Merchant St. - room 353
Honolulu, HI 96813
(808) 548-7606

The commission serves as a clearinghouse of information relating to persons with disabilities, providing public education and training, including working with community employers to promote the hiring of persons with disabilities.

State IA

Commission on Persons with Disabilities
Lucas State Office Building
Des Moines, IA 50319
(515) 281-5969

Usually called "Committee on Employment of the Handicapped." Works with community employers to promote the hiring of disabled persons.

State ID

Governor's Cmttee-Employment of People w/ Disabilities
317 Main St.
Boise, ID 83735
(208) 334-6193

The governor's committee works with community employers to promote the hiring of disabled persons.

State IL

IMPACT Inc.
2735 E. Broadway
Alton, IL 62002
(618)462-1411 618/474-5308TDD

IMPACT is a community service program dedicated to promoting participation of persons with disabilities and enhancing the prospects of people with disabilities to reach their full potential. Its Adaptive Skills Program for persons with head injuries is funded by the Illinois Dept. of Rehabilitation Services.

State IL

Accent on Information
P.O. Box 700
Bloomington, IL 61702
(309) 378-2961

This center has a data base and handles referrals for persons with the following disabilities: mobility, hearing and speech.

State IL

Easter Seal Society of Metro Chicago
Gilchrist-Marchman Center
2345 W. North Ave.
Chicago, IL 60647
(312) 276-4000

This Community Service Organization (CSO) has formed a partnership with IBM making PCs more affordable for persons with disabilities. They assist eligible users in evaluating appropriate solutions, ordering, installing and ongoing support.

State IL

Illinois DIAL
100 W. Randolph - Suite 8-100
Chicago, IL 60601
(800) 233-DIAL

Illinois DIAL (Disabled Individuals Assistance Line) is an information and referral service that addresses the concerns of individuals with disabilities residing in Illinois. It is operated as a service of the Department of Rehabilitation.

State IL

Easter Seal Systems
2023 W. Ogden
Chicago, IL 60612
(312) 243-8400

This organization sponsors grants for software development for disabled persons and develops regional adaptive device centers; it provides education, training and discounts on selected computer systems.

State **IL**

National Easter Seal Society
5120 S. Hyde Park Blvd. - Suite 100
Chicago, IL 60615
(312) 667-8400 (312) 667-7400

This Community Service Organization (CSO) has formed a partnership with IBM to make PCs more affordable for persons with disabilities. They offer assistance to eligible users in evaluating appropriate solutions, ordering and installing. They are able to demonstrate the IBM Personal System/2 Screen Reader.

State **IL**

INNOTEK
2100 Ridge Ave.
Evanston, IL 60204
(312) 328-0001

INNOTEK is the technology division of the National Lekotek Center. It provides technology training for professionals in special education and related fields on the use of computers for children with special needs. INNOTEK oversees COMPUPLAY Resource Centers, a network of computer play and resource centers for families with children with disabilities.

State **IL**

Lekotek
2100 Ridge Ave.
Evanston, IL 60204
(312) 328-0001

Lekotek is a program that provides a caring place where families whose children have special needs can come for support and encouragement. Its missions is to integrate children into the family and the family into the community. Receiving services at Lekotek are children with spina bifada, Down syndrome, muscular dystrophy, language delays, hearing and visual impairments, seizure disorders and chronic illnesses. Lekotek is a toy library lending toys that improve skills in children with disabilities. There are 50 nationwide programs.

State **IL**

ACTT (Activating Children Through Technology)
W.I.U. - 27 Horrabin Hall
Macomb, IL 61455
(309) 298-1014

Project ACTT is a computer curriculum for children with disabilities from birth to eight years of age. The ACTT curriculum provides communication possibilities, develops problem solving skills and fosters the child's expectations of control over the environment.

State IL

UCPA Land of Lincoln
130 North 16th St.
Springfield, IL 62703
(217) 525-6522

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They assist eligible users in evaluating appropriate solutions, ordering, installing and ongoing support.

State IL

Illinois Rehabilitation Services
623 East Adams Street P.O.Box 19429
Springfield, IL 62794
(217) 782-2093

Counseling, guidance, testing, placement.

State IL

DuPage Easter Seal Society
830 S. Addison Road
Villa Park, IL 60181
(312) 620-4433

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They assist eligible users in evaluating appropriate equipment, ordering, installing and ongoing support. They are able to demonstrate the Personal System/2 Screen Reader. Consultation by a speech pathologist with augmentative communication experience is offered. The center is a pediatric clinic offering physical, occupational, speech and audiological therapy.

State IN

Center for Innovation in Teaching Handicapped
2805 E. 10th St.
Bloomington, IN 47405
(812) 335-5847

Information, data base, referral, resource center; disabilities - vision, mobility, hearing, learning, mental, speech.

State IN

Help Me to Help Myself Communicate
342 Acre Avenue
Brownsburg, IN 46112
(317) 852-4427

State IN

State Commission for the Handicapped
P.O. Box 1964
1330 West Michigan Street
Indianapolis, IN 46206
(317) 633-0286 317/633-0859TDD

Usually called "Committee on Employment of the Handicapped." Works with community employers to promote the hiring of disabled persons.

State IN

Central Indiana Easter Seal Society
Crossroads Rehabilitation Center
3242 Sutherland Avenue
Indianapolis, IN 46205
(317) 924-3251

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They will assist eligible users in evaluating appropriate solutions, ordering, installing and ongoing support. They are able to demonstrate the Personal System/2 Screen Reader. They specialize in computer access systems for blind and visually impaired individuals; they provide access device training for speech systems, magnification systems and Braille access devices.

State IN

Indiana Rehabilitation Services
251 North Illinois
P.O. Box 7083
Indianapolis, IN 46207-7083
(317) 232-6503 (317) 232-1319

Counselors coordinate vocational evaluation, counseling, training and placement services and can also refer clients to community resources, such as independent living centers.

State KS

Technology Resources for Special People
3023 Canterbury
Salina, KS 67401
(913) 827-0301

Information, support services and resource center for disabled persons.

State KS

Kansas Commission on Disability Concerns
1430 Southwest Topeka Blvd.
Topeka, KS 66612-1877
(913) 296-1722 913/296-5044TDD

KCDC promotes the integration of people with disabilities into society.

State KS

Cerebral Palsy Research Foundation of Kansas
2021 North Old Manor
P.O. Box 8217
Wichita, KS 67208
(316) 688-1888

Outreach program for augmentative communication work with children and adults with disabilities.

State KY

Office of Rehabilitation Services
Department of Education
Capitol Plaza Tower
Frankfort, KY 40601
(502) 564-6742

Counselors coordinate vocational evaluation, counseling, training and placement services and can also refer clients to community resources, such as independent living centers.

State KY

Kentucky Easter Seal Society
Cardinal Hill Hospital
2050 Versailles Road
Lexington, KY 40504
(606) 254-5701

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They will assist eligible users in evaluating appropriate solutions, ordering, equipment checking, training and ongoing support.

State KY

Kentucky Committee - Employment of Handicapped
L and N Building
908 West Broadway - room 508
Louisville, KY 40203
(502) 588-4073

Usually called "Committee on Employment of the Handicapped." Works with community employers to promote the hiring of disabled persons.

State LA

Bureau of Handicapped Persons
P.O. Box 44371
1755 Florida Boulevard
Baton Rouge, LA 70804
(504) 342-2723

Usually called "Committee on Employment of the Handicapped." Works with community employers to promote the hiring of disabled persons.

State MA

Federation for Children with Special Needs
312 Stuart - 2nd floor
Boston, MA 02116
(617) 482-2915

The Federation, part of the National Network of Parent Centers, offers a variety of support services to parents, groups and others concerned with children with special needs.

State MA

Communication Enhancement Center
Children's Hospital Medical Center
300 Longwood Avenue
Boston, MA 02115
(617) 735-6466

This is an interdisciplinary center dedicated to providing augmentative communication services to children and adults with cerebral palsy, mental retardation, spinal cord injuries, neuro-muscular diseases, blindness and other disabiliteis that render them speech/writing impaired.

State MA

Governor's Committee-Employment of Handicapped
Hurley Building, Government Center
19 Stamford St.
Boston, MA 02114
(617) 727-6580

The governor's committee works with community employers to promote the hiring of disabled persons.

State MA

Massachusettes Rehabilitation Commission
Statler Office Building
20 Park Plaza
Boston, MA 02116
(617) 727-2172

Counselors coordinate therapeutic evaluation, counseling, training and placement services and can also refer clients to community resources, such as independent living centers.

State MA

Advocates Inc.
P.O. Box 2700
Framingham, MA 01701
(617) 620-0024

Advocates, a private non-profit agency, provides community-based residential, emergency and respite programs for disabled adults. It helps emotionally, physically and mentally handicapped people live with dignity and independence in their communities. Advocates coordinates a comprehensive range of services by mobilizing agencies, local organizations and client families to ensure that each client benefits from a consistent, individualized program of support.

State MA

Resources for Rehabilitation
33 Bedford St. - Suite 19A
Lexington, MA 02173
(617) 862-6455

Resources for Rehabilitation is a nonprofit organization that provides training and information about resources that help people with disabilities. They offer a series of publications, "Living With Low Vision," which includes a professional desk reference, LARGE PRINT Resource lists and a LARGE PRINT resource guide for individuals with vision loss.

State MA

United Cerebral Palsy - North Shore
Young Energetic and Self Efficient
103 Johnson Street
Lynn, MA 01902
(617) 595-4191

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related program.

State MA

Massachusetts Easter Seal Society
Denholm Building
484 Main Street - 6th Floor
Worcester, MA 01608
(508) 757-2756 (800) 922-8290

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They assist eligible users in evaluating appropriate solutions, ordering, installing and ongoing support. The 800 number is for Massachusetts.

State MD

Governor's Committee-Employment of Handicapped
200 West Baltimore - 7th floor
Baltimore, MD 21201
(301) 333-2264

The governor's committee works with community employers to promote the hiring of disabled persons.

State MD

American Speech-Language-Hearing Association
10801 Rockville Pike
Rockville, MD 20852
(800) 638-8255 (301) 897-5700

Professional and scientific organization for speech-language pathologists and audiologists concerned with communication disorders. Publications: ASHA Journal; Journal of Speech and Hearing Research; Language, Speech and Hearing Services in the Schools; Journal of Hearing and Speech Disorders. Provides information on communication disorders and referrals to professionals.

State MD

American Occupational Therapy Assoc. (AOTA)
1383 Piccard Drive
Rockville, MD 20850
(301) 948-9626

AOTA offers a network and resource center to persons who have the following disabilities: vision, mobility, hearing, learning, mental and speech.

State MD

Handicapped Education Exchange
11523 Charlton Dr.
Silver Spring, MD 20902
(301) 681-7372

The exchange provides a computerized bulletin board TTY/TDD and access bulletin TTY/TDD. Computer numbers: (310) 593-7033 (TDD or 300 baud ASCII) and (301) 593-7357 (ASCII only, 300/1200 baud).

State ME

Governor's Committee-Employment of Handicapped
32 Winthrop Street
Augusta, ME 04330
(207) 289-3484

The governor's committee works with community employers to promote the hiring of disabled persons.

State ME

Bureau of Rehabilitation
Department of Health and Human Services
32 Winthrop Street
Augusta, ME 04330
(207) 289-2266

Counselors coordinate vocational evaluation, counseling, training and placement services and can also refer clients to community resources, such as independent living centers.

State MI

Michigan Rehabilitation Services
State Department of Education
608 W. Allegan, P.O. Box 30010
Lansing, MI 48909
(517) 373-3391

Counselors coordinate vocational evaluation, counseling, training and placement services and can also refer clients to community resources, such as independent living centers.

State MI

Commission on Handicapper Concerns
Box 30015
Lansing, MI 48909
(517) 373-8397 voice/TDD

This group serves as an information resource and advocate for Michigan's disabled persons. MCHC is affiliated with the President's Committee on Employment.

State MI

Adamlab
33500 Van Bord Rd.
Wayne, MI 48184
(313) 467-1415

Adamlab is a research center which has a network database and can supply information, training, diagnostic and direct support. The center helps with information, data base, referral, research center, network, training and direct support; disabilities - mental, speech.

State MN

East Range Developmental Achievement Center
800 A. Avenue
Eveleth, MN 55734
(218) 744-5130

Information, database, referral network; disabilities - vision, mobility, hearing, learning, speech, mental.

State MN

PACER Center (Parent Advocacy Coalition-Ed. Rights)
4826 Chicago Avenue South
Minneapolis, MN 55417-1055
(612) 827-2966

PACER provides information, training and assistance to parents of children with disabilities. Advice is offered in the areas of appropriate education and interpretation of legal rights. PACER offers a Computer Resource Center which provides information on adapting PCs for use by disabled persons.

State MN

Express Yourself Inc.
P.O. Box 16374
Minneapolis, MN 55416
(612) 922-7753

This group raises money to assist speech, hearing and visually impaired individuals obtain computerized communication equipment. They provide financial assistance to advocacy organizations and promote personal independence through technological advancements.

State **MN**

Minnesota State Council on Disability
145 Metro Square Bldg.
7th and Robert Streets
St. Paul, MN 55101
(612) 296-6785 (800) 652-9747

Usually called "Committee on Employment of the Handicapped." Works with community employers to promote the hiring of disabled persons.

State **MO**

The Independence
P.O. Box 463
Chesterfield, MO 63006
(800) 726-6130

This is a newspaper designed for persons with disabilities, their famililies and health care professionals. It is distributed free to groups in the greater St. Louis area.

State **MO**

Adaptive Computing Technology (ACT) Center
200 Heinkel Bldg. - Computing Services
Columbia, MO 65211
(314) 882-2000

The ACT Center provides adaptive computing to persons with disabilities. A full range of workstations is available for those who are blind, mobility impaired and learning disabled. Client services include training and technical support and assistance in acquiring funding for systems.

State **MO**

Missouri LINC
Univerity of Missouri - Columbia
401 E. Stewart Rd.
Columbia, MO 65211
(800) 392-0533 (314) 882-2733

This group is a resource center for educators that provides information, technical assistance, inservice training and materials for vocational and transition education for special needs students.

State **MO**

Governor's Committee-Employment of Handicapped
P.O. Box 1668
Jefferson City, MO 65102
(314) 751-2600

The governor's committee works with community employers to promote the hiring of disabled persons.

State **MO**

Missouri Easter Seal Society
1710 Mississippi Ave.
St. Louis, MO 63104
(800) 888-2142 (314) 776-1996

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They assist users in evaluating appropriate solutions, ordering, installing and ongoing support. The 800 number is available only in Missouri.

State **MS**

Governor's Office of Handicapped Services
Department of Rehabilitation Services
P.O. Box 22806
Jackson, MS 39225-2806
(601) 354-6100

Usually called "Committee on Employment of the Handicapped." Works with community employers to promote the hiring of disabled persons.

State **MT**

Governor's Committee-Employment People w/ Disabilities
Personnel Division
Mitchell Boulding - room 130
Helena, MT 59620
(406) 444-3871 (406) 444-3886

The governor's committee works with community employers to promote the hiring of disabled persons.

State **ND**

Governor's Council on Human Resources
State Capitol - Annex: 3rd floor
Bismark, ND 58505
(701) 224-2970

Usually called "Committee on Employment of the Handicapped." Works with community employers to promote the hiring of disabled persons.

State **NE**

Nebraska Department of Education
Box 94987
301 Centennial Mall South
Lincoln, NE 68509
(402) 471-2471

Computer access and training on aids and devices.

State **NE**

U.S. Society-Augmentative and Alt. Communication
c/o Barkley Memorial Center
University of Nebraska
Lincoln, NE 68588
(402) 472-5463

USSAAC is the U.S. national chapter of the International Society; its purpose is to enhance the communication effectiveness of persons who can benefit from augmentative and alternative communication and to support the purposes of ISAAC - promoting public awareness, assisting individuals, influencing policy and legislation, fostering local activities, etc.

State **NH**

Governor's Commission for the Handicapped
57 Regional Dr.
Concord, NH 03301-9686
(603) 271-2773

This commission offers a statewide information and referral service as well as technical assistance and a federally funded Client Assistance Program. It serves as a link between the disabled community and the Governor and other state officals. It offers publications, brochures and a newsletter.

State **NJ**

Easter Seal Society of New Jersey
Brookdale Community College
765 Newman Springs Road
Lincroft, NJ 07738
(800) 468-0027 (201) 842-1900

This Community Service Organization (CSO) has formed a partnership with IBM making PCs more affordable for persons with disabilities. They will assist users in evaluating appropriate solutions, ordering, installing and ongoing support. The 800 number is available only in New Jersey. They are able to demonstrate the IBM Personal System/2 Screen Reader.

State **NJ**

AT&T National Special Needs Center
2001 Rt. 46 - Suite 310
Parsippany, NJ 07054-1315
(800) 233-1222 800/833-3232TDD

The AT&T National Special Needs Center serves the communications needs of customers with hearing, speech, motion or vision impairments. AT&T publishes a product catalog with information on special TDD services, long distance information and the products available.

State **NJ**

Governor's Committee on the Disabled
108-110 North Broad Street
Trenton, NJ 08625
(609) 633-6959

Usually called "Committee on Employment of the Handicapped." Works with community employers to promote the hiring of disabled persons.

State NJ

UCPA of New Jersey
354 South Broad Street
Trenton, NJ 08608
(609) 392-4004

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They will assist eligible users in evaluating appropriate solutions, ordering, installing and ongoing support. They are able to demonstrate the Personal System/2 Screen Reader.

State NM

Governor's Committee-Concerns of Handicapped
Bataan Memorial Bldg - Room 171
Santa Fe, NM 87503
(505) 827-6465

Concerns include employment, education, architectural access; works with employers, architects, legislators and consumers to promote civil rights for disabled individuals.

State NV

Governor's Comm.-Employment of People w/ Disabilities
3100 Mill St. - Suite 115
Reno, NV 89502
(702) 789-0366

The Governor's Committee works with community employers to promote the hiring of disabled persons.

State NY

Office of Vocational Rehabilitation
State Education Department
99 Washington Avenue
Albany, NY 12230
(518) 474-2714 (800) 222-5627

Counselors coordinate vocational evaluation, counseling, training and placement services and can also refer clients to community resources, such as independent living centers.

State NY

State Advocate for the Disabled
10th Floor, Agency Bldg. # 1
Empire State Plaza
Albany, NY 12223
(518) 474-2825 (800) 522-4369

Usually called "Committee on Employment of the Handicapped," this agency works with community employers to promote the hiring of disabled persons.

State NY

Music Therapy Association
25 Gelston Avenue
Brooklyn, NY 11209
(718) 745-9231

This association provides services for disabled people interested in computer-generated music systems. Its services include consulting and system set-up.

State NY

Federation of the Handicapped
211 West 14th St.
New York, NY 10011
(212) 242-9050

Training and diagnostic support provided for persons with the following disabilities: vision, mobility, hearing, learning, speech, mental.

State NY

UCPA of New York
120 East 23rd St. - 5th floor
New York, NY 10010
(212) 979-9700 Ext. 263

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They assist eligible users in evaluating appropriate solutions and ordering. They are able to demonstrate the Personal System/2 Screen Reader.

State NY

Association of Computer Educators Inc.
751 Brand Ave.
Staten Island, NY 10310
(718) 596-5708

Facilitates information sharing, promotes equitable use of computers by all students.

State NY

UCPA of Syracuse - "Enable"
1603 Court St.
Syracuse, NY 13208
(315) 455-7591

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They will assist eligible users in evaluating appropriate solutions, ordering, installing and ongoing support. They are able to demonstrate the Personal System/2 Screen Reader.

State OH

Association for Disabled Students
P.O. Box 21192
Columbus, OH 43221
(614) 488-4972

A national association of professionals working on campuses with post-secondary disabled students. Disabilities - vision, mobility, hearing, learning, mental and chronic illness.

State OH

Handicapped Users' Database
5000 Arlington Centre Blvd.
Columbus, OH 43220
(800) 848-8990

Information, database, referral; disabilities - vision, mobility, hearing, learning, speech, mental.

State OH

Governor's Council on People with Disabilities
400 E. Campus View Blvd. - SW 4
Columbus, OH 43235-4604
(614) 438-1391 (800) 282-4536

The council serves in an advisory capacity to the governor's office and to the General Assembly assisting local, state and federal agencies to ensure maximum utilization of funds to benefit people with disabilities.

State OK

Office of Handicapped Concerns
4300 North Lincoln Blvd. - Suite 200
Oklahoma City, OK 73105
(405) 521-3756 (800) 522-8224

This office is an independent state agency which helps state government develop policies and services to meet the needs of Oklahomans with disabilities. OHC serves as a resource to disabled persons who want to present their views and recommendations to the Governor, the legislature and state agencies.

State OK

Rehabilitation Services
Department of Human Services
P.O. Box 25352
Oklahoma City, OK 73125
(405) 424-4311 ext. 2873

Counselors coordinate therapeutic evaluation, counseling, training and placement services and can also refer clients to community resources, such as independent living centers.

State OR

Compute Able Network
P.O. Box 1706
Portland, OR 97207
(503) 645-0009 503/645-2049FAX

Compute Able Network, a service company, is devoted to enabling people through adaptive computer technology. The company provides services, technical assistance, site assessments and training for individuals and professionals, including evaluation, equipment and workstation design training and followup.

State OR

Oregon Disablities Commission
1880 Lancaster NE - Suite 106
Salem, OR 97310
(503) 378-3142 (800) 358-3117

The commission serves as the governor's committee on employment of persons with disabilities. It provides information and referral and advocacy services, administering the deaf and hearing-impaired access program and the client assistance program.

State PA

Office of Vocational Rehabilitation
Labor and Industry Building, Rm 1300
7th and Forster Streets
Harrisburg, PA 17120
(717) 787-5244

Counselors coordinate vocational evaluation, counseling, training and placement services and can also refer clients to community resources, such as independent living centers.

State PA

Governor's Committee-Employment of Handicapped
Labor and Industry Building
7th and Forster Streets - room 1315
Harrisburg, PA 17120
(717) 787-5232

The governor's committee works with community employers to promote the hiring of disabled persons.

State PA

American Cleft Palate Association
University of Pittsburgh
1218 Grandview Ave.
Pittsburgh, PA 15261
(800) 24-CLEFT

The association provides referral index to relevant publications and ongoing research.

State RI

Easter Seal Society of Rhode Island
Meeting Street School
667 Waterman Ave.
East Providence, RI 02914
(401) 438-9500

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They will assist eligible users in evaluating appropriate solutions, ordering, installing and ongoing support. They are able to demonstrate the Personal System/2 Screen Reader.

State SC

The National Information System
Benson Bldg. - Univ. of South Carolina
Columbia, SC 29208
(800) 922-9234 800/922-1107 SC

The National Information System is a toll-free information and referral service that has information about specialized services available to children from birth to 21 years of age who have developmental disabilities or special health care needs.

State SC

Vocational Rehabilitation Department
1410 Boston Avenue
P.O. Box 15
West Columbia, SC 29171
(803) 734-4300

Counselors coordinate therapeutic evaluation, counseling, training and placement services and can also refer clients to community resources, such as independent living centers.

State SC

Governor's Committee-Employment of Handicapped
P.O. Box 15
West Columbia, SC 29171-0015
(803) 739-5303

The governor's committee works with community employers to promote the hiring of disabled persons.

State TN

Services for the Blind
Tennessee Division - Rehabilitation Services
400 Deaderick St. - Suite 1100
Nashville, TN 37219
(615) 741-2919

Counseling, social work, education, computers, employment, pre-vocational evaluation and placement.

State TN

Governor's Comm.-Employment of People w/ Disabilities
Citizens Plaza Bank Building
400 Deaderick St. - 11th Floor
Nashville, TN 37219
(615) 741-2095

The governor's committee works with community employers to promote the hiring of disabled persons.

State TN

Vocational Opportunities Inc.
New Medico Head Injury System
205 Westgate Drive
Springfield, TN 37172
(800) 227-3824 (615) 384-8686

The New Medico Head Injury System provides rehabilitation to the head injury survivor. Their professional associates in 34 locations nationwide provide assessment, coma intervention, community re-entry, vocational training and other resources concerning the rehabilitation process.

State TX

Texas Governor's Committee for Disabled Persons
4900 North Lamar Blvd.
Austin, TX 78751-2316
(512) 483-4384

Along with mayor's committees across the state, the Texas Governor's Committee creates opportunities for persons with disabilities to make a contribution and to work to their full potential. Members of the committee promote employment and public awareness of the abilities and needs of people with disabilities.

State TX

Texas Rehabilitation Commission
118 East Riverside Dr.
Austin, TX 78704
(512) 483-4000

Counselors coordinate therapeutic evaluation, counseling, training and placement services and can also refer clients to community resources, such as independent living centers.

State TX

Texas Easter Seal Society
800 West Ave. - Bldg. C, Suite 100
Austin, TX 78701
(800) 492-5555 (512) 474-1272

State TX

REACH (Rehab/Educ/Advocacy for Citizens with Handicaps)
617 7th Ave.
Fort Worth, TX 76104
(817) 870-9082 817-8709086 TDD

REACH acquired C-CAD (Center for Computer Assistance to the Disabled) in January 1989. A non-profit training center for computer skills for jobs and daily life. They serve as a clearinghouse for information about computer applications.

State TX

Center for Computer Assistance to the Disabled
617 Seventh Ave.
Fort Worth, TX 76104
(817) 870-9082 817/870-9086TDD

A non-profit training center for computer skills for jobs and daily life. Also serves as a clearinghouse for information regarding computer applications. Acquired by REACH in January, 1989. Publication: Direct Llink (quarterly).

State TX

Easter Seal Rehabilitation Center
2203 Babcock Road
San Antonio, TX 78229
(512) 699-3911

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They will assist eligible users in evaluating appropriate solutions, ordering, installing and ongoing support.

State UT

Governor's Comm.-Employment of People w/ Disabilities
120 North 200 West
P.O. Box 45500
Salt Lake City, UT 84145-0500
(801) 538-4210 801/538-4102TDD

The governor's committee works with community employers to promote the hiring of disabled persons.

State UT

Utah Easter Seal Society
331 South Rio Grande St. - Suite 206
Salt Lake City, UT 84101
(801) 531-0522

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They will assist eligible users in evaluating appropriate solutions, ordering, installing and ongoing support.

State VA

Council for Exceptional Children
Center for Special Education Technology
1920 Association Dr.
Reston, VA 22091-1589
(703) 620-3660

CEC has a specific Division for Learning Disabilities (DLD). They are the major national association of special education teachers, administrators and university students training to be teachers. Its Center for Special Education Technology provides services to increase the use of information about technology. Publishes Exceptional Children and Teaching Exceptional Children.

State VA

Board of the Department of Rights of Disabled
101 North 14th St. - 17th floor
Richmond, VA 23219
(804) 225-2042 804-552-3962TDD

Usually called "Committee on Employment of the Handicapped." Works with community employers to promote the hiring of disabled persons.

State VA

Amer. Academy for Cerebral Palsy and Developmental Med.
2315 Westwood Avenue
P.O. Box 11083
Richmond, VA 23230
(804) 355-0147

This center provides information through a database, referral service and a research center. Help can be obtained for the following disabilities: vision, mobility, hearing, learning, mental and speech.

State VA

Easter Seal Society of Virginia
4841 Williamson Rd.
P.O. Box 5496
Roanoke, VA 24012
(800) 365-1656 (703) 362-1656

This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They will assist eligible users in evaluating appropriate solutions, ordering, installing and ongoing support.

State VI

Virgin Islands-Department Social Welfare
P.O. Box 550-Charlotte Amalie
St. Thomas, VI 00801
(809) 774-0930

Counseling, social work, education, skill development, placement.

State VT

Vocational Rehabilitation Division
Dept. of Social and Rehabilitation Services
103 S. Main St., Human Resource Agency
Waterbury, VT 05676
(802) 241-2186

Counselors coordinate vocational evaluation, counseling, training and placement services and can also refer clients to community resources, such as independent living centers.

State WA

Assoc. Devel. of Computer Based Instr. Systems
Miller Hall 409
Bellingham, WA 98225
(206) 676-2860

This association provides information, a data base, referral service, diagnostic training and direct support for persons with the following disabilities: vision, mobility, hearing, learning, mental and speech.

State WA

NW Council for Computer Education
Old Capitol Building - FG-11
Olympia, WA 98504
(206) 586-2053

Network; disabilities - vision, mobility, hearing, learning, mental, speech.

State WA

Governor's Committee on Disability Issues & Employment
Employment Security Department
Mail Stop KG-11
Olympia, WA 98504
(206) 438-3168 206-438-3167TDD

The governor's committee works with community employers to promote the hiring of disabled persons.

State WA

Hearing, Speech & Deafness Center
Comprehensive Rehabilitation Programs
1620 18th Avenue
Seattle, WA 98122
(206) 323-5770

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State WA

Computer Demonstration Center Program
33 S. Second Ave.
Yakima, WA 98902
(509) 575-2885

Resource center, training/diagnostic/direct support; disabilities - vision, mobility, hearing, learning, mental, speech.

State WI

Governor's Committee-People with Disabilities
131 West Wilson St. - Room 1003
P.O. Box 7852
Madison, WI 53707
(608) 266-5378 608-267-2082TDD

The governor's committee advises and informs the governor, the legislature and state agencies about issues of concern to people with disabilities. The committee promotes public awareness of the abilities and needs of persons with disabilities.

State WI

North Central Technical Institute
1000 Campus Drive
Wausau, WI 54401
(715) 675-3331

Computer access, training aids and devices.

State WV

Governor's Committee on Disabled Persons
Dept. of Human Services - room B-617
1900 W. Washington St. East
Charleston, WV 25305
(304) 348-2400

Usually called "Committee on Employment of the Handicapped," this committee works with community employers to promote the hiring of disabled persons.

State WV

Job Accommodation Network
WV Univeristy - 809 Allen Hall
Morgantown, WV 26506
(800) 526-7234 (800) 526-2262

An international information and consulting resource providing job accomodation information to employers, rehabilitation professionals and persons with disabilities relating to all employemnt issues. The second 800 number is for Canada, and both numbers are voice/TDD.

State WY

Governor's Committee for Employment of the Handicapped
Hathaway Building - room 338
Cheyenne, WY 82002
(307) 777-7191

The governor's committee works with statewide employers to promote the hiring of disabled persons.

State

Int'l Society Augmentative and Alternative Commun.
P.O. Box 1762 Station R
Toronto, Canada, M4G 4A3
(416) 424-3806

An information and referral organization for individuals concerned with communication disorders. Publishes Communication Outlook and Augmentative and Alternative Communication.

Additional Resources

The support groups listed are other organizations providing services to this special population. Their services vary widely. Please read the service descriptions and contact the groups directly for specific details. (Groups are sorted by city within each state.)

State AK

State Department of Education
State Office Bldg. - Pouch F
Juneau, AK 99811
(907) 465-2970

This agency of Alaska's Department of Education administers special education programs and has information on specific services.

State AL

Lakeshore Rehabilitation Facility
3800 Ridgeway Dr.
Birmingham, AL 35209
(205) 870-5999

This IBM-initiated rehabilitation program (IBMRP) helps establish a self-sustaining and locally operated project to select, train and place disabled persons as computer programmers.

State AR

Special Education Section
State Department of Education
Arch Ford Education Building
Little Rock, AR 72201
(501) 682-4221

This agency of the Arkansas Department of Education administers special education programs and has information on specific services.

State AZ

Special Education Section
Arizona Department of Education
1535 West Jefferson
Phoenix, AZ 85007
(602) 542-3183

This agency of Arizona's Department of Education administers special education programs.

State **CA**

San Gabriel Valley Training Center
400 South Covina Blvd.
La Puente, CA 91746
(818) 968-8479

This training program, an IBM-initiated rehabilitation training program (IBMRP), offers training in fields related to word processing, data entry and personal computer operations.

State **CA**

Westside Center for Independent Living
12655 West Washington Blvd.
Los Angeles, CA 90066
(213) 390-3406

This IBM-initiated rehabilitation program (IBMRP) helps establish a self-sustaining and locally operated project to select, train and place disabled persons as computer programmers.

State **CA**

Merritt Community College
Disabled Students Services
12500 Campus Drive
Oakland, CA 94619
(415) 436-2429

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State **CA**

Division of Special Education
State Department of Education
721 Capitol Mall - room 614
Sacramento, CA 95814
(916) 323-4768

This agency of the State Department of Education administers special education programs and has information on specific services.

State **CA**

High Tech Center for the Disabled
Cal. Community Colleges Chancellor's Office
1107 Ninth St.
Sacramento, CA 95814
(916) 322-4636

The Center provides training and support to instructional specialists in California community colleges and other institutions. Training and support are available in the areas of computer access tehcnologies for low vision, blind, physically and learning disabled persons.

State **CA**

Goodwill Industries
980 Howard St.
San Francisco, CA 94103
(415) 362-0778

This agency offers an IBM-initiated rehabilitation program (IBMRP) to train in fields related to programming or computer use. The emphasis is on computer applications such as WordPerfect, Lotus 1-2-3 and d-Base.

State **CA**

Telemarketing Visions Institute
8358 Creighton Ave.
Westchester, CA 90045
(213) 645-4312

TVI is a nonprofit vocational training organization providing telemarketing and computer office automation skills training to visually impaired clients. They also assist with job placement.

State **CO**

Special Education Services
State Department of Education
201 East Colfax Avenue
Denver, CO 80203
(303) 866-6694

This division of Colorado's Department of Education administers special education programs and has information on specific services in each school district.

State **CT**

Vocational Rehabilitation
600 Asylum Ave.
Hartford, CT 06105
(203) 566-2675

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State **CT**

The Work Bank Inc.
75 Van Dyke Avenue
Hartford, CT 06106
(203) 247-0549

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State **DC**

Rehabilitation Services Administration
605 G St. NW - room 1111
Washington, DC 20001
(202) 727-3227

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State FL

Palm Beach Rehabilitation Center
4522 South Congress Ave.
Lake Worth, FL 33461
(305) 965-8500

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State FL

Valencia Community College
P.O. Box 3028
Orlando, FL 32802
(305) 299-5000

This IBM-initiated rehabilitation program (IBMRP) helps establish a self-sustaining and locally operated project to select, train and place disabled persons as computer programmers. The program also offers computer-assisted design training.

State FL

Vocational Education for Special Needs
George Stone Area Voc-Tech Center
2400 Longleaf Dr.
Pensacola, FL 32506
(904) 944-1424

A computer training program for the blind, visually and severely physically impaired. The mission of this program is to expand vocational training and job placement for individuals with these disabilities. The curriculum emphasis is on keyboarding skills, word processing, data bases and simple programming.

State GA

Special Education Programs Division
1966 Twin Towers E.
205 Butler St.
Atlanta, GA 30334
(404) 656-2425

This division of Georgia's Department of Education administers special education programs and has information on specific services in each state.

State HI

Special Needs Branch
Department of Education
3430 Leahi Ave.
Honolulu, HI 96815
(808) 737-3720

This division of Hawaii's Department of Education administers special education programs and has information on specific services.

State ID

Specialized Education Section
State Department of Education - Jordan Bldg.
650 West State St.
Boise, ID 83720
(208) 334-3940

This division of Idaho's Department of Education administers special education programs and has information on specific services in each state.

State IL

Coordinating Council for Handicapped Children
20 East Jackson - Suite 900
Chicago, IL 60604
(312) 939-3513

The council provides training programs on special education rights and services for parents and professionals; it also provides free pamphlets on the special education process.

State IL

Department of Special Services
State Board of Education
100 North First St.
Springfield, IL 62777
(217) 782-6601

This department of the State Board of Education administers special education programs and has information on specific services in each state.

State IN

Crossroads Rehabilitation Center
3242 Sutherland Ave.
Indianapolis, IN 46205
(317) 924-3251

This IBM-initiated rehabilitation program (IBMRP) helps establish a self-sustaining and locally operated project to select, train and place disabled persons as computer programmers.

State KS

Special Education Division
State Department of Education
120 East 10th St.
Topeka, KS 66612
(913) 296-4945

This division of the State Department of Education administers special education programs and has information on specific services in each state.

State KS

International Association of Machinists
Projects with Industry
3830 South Meridian
Wichita, KS 67217
(316) 522-1591

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State KY

Office of Education - Exceptional Children
State Department of Education
Capitol Plaza Tower, 8th Floor
Frankfort, KY 40601
(502) 564-4970

This division of Kentucky's Department of Education administers special education programs and has information on specific services.

State LA

Louisiana State University
CRT Program
E124 Pleasant Hall
Baton Rouge, LA 70803
(504) 388-1965

This IBM-initiated rehabilitation program (IBMRP) helps establish a self-sustaining and locally operated project to select, train and place disabled persons as computer programmers.

State LA

Office of Special Educational Services
State Department of Education
Capitol Station, Box 94064
Baton Rouge, LA 70804-9064
(504) 342-3631

This division of the State Department of Education administers special education programs and has information on specific services.

State MA

College Hill Press
34 Beacon St.
Boston, MA 02108
(617) 227-0730

College Hill publishes many titles each year covering speech and language, hearing, special education and communicative disorders.

State MA

Special Education Division
Massachusetts Department of Education
1385 Hancock Street
Quincy, MA 02169
(617) 770-7468

This division of the State Department of Education administers special education programs and has information on specific services.

State MD

Maryland Rehabilitation Center
2301 Argonne Dr.
Baltimore, MD 21218
(301) 554-3101

This IBM-initiated rehabilitation program (IBMRP) helps establish a self-sustaining and locally operated project to select, train and place disabled persons as computer programmers.

State MD

Paul H. Brooks Publishing Co.
P.O. Box 10624
Baltimore, MD 21285
(800) 638-3775 (310) 337-9580

This publisher offers titles in the fields of developmental disabilities, special education, rehabilitation, physical and occupational therapy, speech/language/hearing and other human services.

State ME

University College - University Maine/Orano
135 Eastport Hall
Bangor, ME 04401
(207) 581-6121

Programmer Training Project with evaluation.

State MI

Special Education Services
Michigan Department of Education
P.O. Box 30008
Lansing, MI 48902
(517) 373-0923

This division of Michigan's Department of Education administers special education programs and has information on specific services. Its primary goal is to ensure that all disabled persons, between birth and school graduation, are identified, evaluated and provided with appropriate programs and services to meet their educational needs.

State MI

State Tech. Institute & Rehabilitation Center
Alber Drive
Plainwell, MI 49080
(616) 664-4461

This IBM-initiated rehabilitation program (IBMRP) helps establish a self-sustaining and locally operated project to select, train and place disabled persons as business application programmers.

State MI

Wayne County Intermediate School
Attention: Greg Turner
33500 Van Born Road
Wayne, MI 48184
(313) 467-1415

State MN

Multi Resource Center
1900 Chicago Ave.
Minneapolis, MN 55404
(612) 871-2402

This IBM-initiated rehabilitation program (IBMRP) provides training and placement for persons with a physical disability or sensory impairment as Business Computer Programmers.

State MN

Sister Kenny Institute - Vocational Services Dept.
800 East 28th St. at Chicago Ave.(zip 38101)
Minneapolis, MN 55407
(612) 332-7036

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State MN

Special Education Section
Department of Education
550 Cedar St. - Capitol Square Bldg.
St. Paul, MN 55101
(612) 296-4163

This division of Minnesota's Department of Education administers special education programs and has information on services.

State MO

Missouri Goodwill Industries
Peer Placement Program
4140 Forest Park Blvd.
St. Louis, MO 63108
(314) 371-6320

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs and services for the blind.

State MS

Bureau of Special Services
Department of Special Education
P.O. Box 771
Jackson, MS 39205
(601) 359-3498

This office of the State Department of Education administers special education programs.

State MT

Office of Public Instruction
State Capitol
Helena, MT 59620
(406) 444-4429

This division of Montana's Department of Education administers special education programs and provides information on specific services.

State NC

Raleigh Vocational Center
3011 Fallstaff Rd.
Raleigh, NC 27601-1296
(919) 828-2325

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs, experimenting with and designing new techniques of rehabilitation, work adjustment, placement, therapeutic recreation and adult development.

State NC

Microcomputer Support Group
3535 South Wilmington St.~ Suite 205
Raleigh, NC 27603
(919) 772-7513

Information, database, referral network, training/diagnostic/direct support; disabilities ~ vision, mobility, hearing, learning, speech, mental.

State ND

Special Education
Department of Special Instruction
State Capitol
Bismarck, ND 58505
(701) 224-2277

This division of North Dakota's Department of Education administers special education programs and has information on specific services.

State NE

Special Education Office
Nebraska Department of Education
301 Centennial Mall South - Box 94987
Lincoln, NE 68509
(402) 471-2471

This office of Nebraska's Department of Education administers special education programs and has information on specific services for children with disabilities.

State NE

UNL - Educational Center for Disabled Students
132 Administration Building
Lincoln, NE 68588-0401
(402) 472-3787

The ECDS provides services to students who have a broad range of both physical and learning disabilities. One aspect of these services is the practice of using computer technology to improve students' academic performance and attitudes toward success. A project is underway to provide information delivery using computers.

State NM

Southern New Mexico Rehabilitation Center
D at East Eyman
Roswell, NM 88201
(505) 347-5491

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State NV

Special Education Department
400 West King St.
Carson City, NV 89710
(702) 885-3140

This division of Nevada's Department of Education administers special education programs and has information on specific services in each state.

State NY

Office for Education of Children with Handicaps
NY Department of Education
Room 1073 EBA
Albany, NY 12234
(518) 474-5548

This division of New York's Department of Education administers special education programs and has information on specific services.

State NY

Human Resources Center
201 I.U. Willetts Rd. West
Albertson, NY 11507
(516) 747-5400

This IBM-initiated rehabilitation program (IBMRP) helps establish a self-sustaining and locally operated project to select, train and place disabled persons as computer programmers.

State NY

BOCES Southern Westchester
Technology Assessment/Training Center
26 Legion Dr.
Elmsford, NY 10595
(914) 949-9331 (914) 592-7955

The Center provides advanced technology services to individuals with physical, visual, cognitive, hearing and language/learning disabilities. It provides technology assessment services which include access to microtechnology, impairment compensation, vocational/avocational needs and augmentative communication devices. BOCES functions as an information and demonstration center.

State NY

The Rehabilitation Institute
223 Jericho Turnpike
Mineola, NY 11501
(516) 741-2010

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State NY

International Center for the Disabled
Gen. Clerical and Learning Center
340 East 24th St.
New York, NY 10010
(212) 679-0100

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State NY

United Cerebral Palsy
120 East 23rd St.
New York, NY 10010
(212) 979-9700

This IBM initiated rehabilitation program (IBMRP) helps establish a self-sustaining and locally operated project to select, train and place disabled persons as computer programmers.

State NY

Opportunities Industrialization Center
Skills Discovery Unit
50 Delafield St.
Poughkeepsie, NY 12601
(914) 454-6420

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State NY

Rochester Rehabilitation Center
1000 Elmwood Avenue
Rochester, NY 14620
(716) 232-4600

This IBM-initiated rehabilitation program (IBMRP) helps establish a self-sustaining and locally operated project to select, train and place disabled persons as computer programmers.

State NY

Search for Change/QUIP
66 Fulton Street
White Plains, NY 10606
(914) 686-0550

This IBM-initiated rehabilitation training program (IBMRP) offers training in fields related to personal computer use.

State OH

Computer Programmer Training
Goodwill Rehabilitation Center
1331 Edgehill Rd.
Columbus, OH 43212
(614) 294-5181

This IBM-initiated rehabilitation program (IBMRP) helps establish a self-sustaining and locally operated project to select, train and place disabled persons as computer programmers.

State OK

Special Education Section
Department of Education
2500 North Lincoln - Suite 4-11
Oklahoma City, OK 73105
(405) 521-3351

This division of the State Department of Education administers special education programs and has information on specific services in each state.

State OR

Special Education Section
Oregon Department of Education
700 Pringle Parkway SE
Salem, OR 97301
(503) 378-3702

This division of Oregon's Department of Education administers special education programs and has information on specific services in each state.

State PA

Special Education - Department of Education
333 Market St. - 7th floor
Harrisburg, PA 17126
(717) 783-6913

This division of the State Department of Education administers special education programs and has information on specific services in each state.

State PA

Jewish Employment and Vocational Service
Orleans Vocational Center
1330 Rhawn Street
Philadelphia, PA 19111
(215) 728-4400

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State PA

Computer Careers for Persons with Disabilities
Center for Information Resources
4025 Chestnut St. - 3rd floor
Philadelphia, PA 19104
(215) 898-8108

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State RI

Sargent Rehabilitation Center
229 Waterman St.
Providence, RI 02906
(401) 751-3113

A training and employment placement model using a job coach for individuals with disabilities. Areas addressed include computer-related programs.

State SC

Office of Programs for Handicapped
State Department of Education
100 Executive Center Dr.
Columbia, SC 29201
(803) 737-8710

This division of South Carolina's Department of Education administers special education programs and has information on specific services.

State SC

Commissioner - Vocational Rehabilitation
1410 Boston Ave.
P.O. Box 15
West Columbia, SC 29171
(803) 739-5303

This IBM-initiated rehabilitation program (IB[illegible]) helps establish a self-sustaining and locally operated project to select, train and place disabled persons as computer programmers.

State SD

Section for Special Education
Division of Elementary and Secondary Schools
New State Office Building
Pierre, SD 57501
(605) 773-3678

This division of the State Department of Education administers special education programs and has information on specific services in each state.

State TX

Vocational Rehabilitation Programs
El Centro Community College
Main at Lamar
Dallas, TX 75202
(214) 746-2413

This IBM-initiated rehabilitation program (IBMRP) helps establish a self-sustaining and locally operated project to train and place disabled persons in the field of office systems, word processing and computerized accounting and telecommunications.

State TX

International Association of Machinists
555 North Grants Lane
Fort Worth, TX 76108
(817) 246-2441

An employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State TX

Independent Living Research & Training Center
3400 Bissonnet - Suite 101
Houston, TX 77005
(713) 666-6244 713/666-0643TDD

Network, independent living, directory of centers, research, training, technical assistance; disabilities - vision, mobility, hearing, learning, speech, mental.

State UT

Salt Lake Skills Center
1040 West 700 South
Salt Lake City, UT 84104
(801) 328-5511

This IBM-initiated rehabilitation program (IBMRP) helps establish a federally funded and locally operated project to select, train and place disabled persons as computer programmers.

State UT

Utah Special Education Services Unit
250 East Fifth South
Salt Lake City, UT 84111
(801) 538-7702

This unit of Utah's Office of Education administers special education programs and has information on specific services in each state.

State VA

The Learning Needs and Evaluation Center
The University of Virginia
B012 Brooks Hall
Charlottesville, VA 22903
(804) 924-3139 voice/TDD

This Center gives direct assistance to students and coordinates agency services for students with disabilities. It is open, at no cost, to all students and people from the University and the Charlottesville/Albermarle communities. The University library provides a variety of services and equipment in support of the research needs of disabled individuals.

State VA

Special Education Support Services
Department of Education
P.O. Box 60
Richmond, VA 23216
(804) 225-2065

This division of Virginia's Department of Education administers special education programs and has information on specific services in each state.

State VA

Virginia Beach Adult Services
3500 Virginia Bea[illegible] Blvd. - Suite 310
Virginia Beach, VA 23452
(804) 486-6251

A training and employment placement program for individuals with disabilities.

State VT

Special Education and Pupil Personnel Services
Department of Education
120 State St.
Montpelier, VT 05602
(802) 828-3141

This division of Vermont's Department of Education administers special education programs and has information on specific services in each state.

State VT

Lamoille City Mental Health Service
Developmental Disabilities Services
Washington Hwy RFD 3-Box 747
Morrisville, VT 05661
(802) 888-4914

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State VT

Project Transition III
Gilman Office Center - Bldg. 1
White River Junction, VT 05501
(802) 295-1705

A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

State WA

Special Education Section
Department of Public Instruction
FG-11 Old Capitol Building
Olympia, WA 98504
(206) 753-6733

This division of Washington's Department of Education administers special education programs and has information on specific services in each state.

State WA

Resource Center for the Handicapped
Project Entry
20150 45th Ave. NE
Seattle, WA 98155
(206) 362-2273

This IBM-initiated rehabilitation program (IBMRP) helps establish a self-sustaining and locally operated project to select, train and place disabled persons as computer programmers.

State WV

Office of Special Education
Department of Education
B-304 Building 6, Capitol Complex
Charleston, WV 25305
(304) 348-2696 (800) 642-8541

This division of the Department of Education administers special education programs and has information on specific services.

State WY

Special Programs Unit
Department of Education
Hathaway Bldg. - 2nd Floor
Cheyenne, WY 82002
(307) 777-7417

This division of Wyoming's Department of Education administers special education programs and has information on specific services in each state.

State AZ

CAD Institute

Phoenix, AZ USA
(602) 437-0405

This school specializes in teaching the use of mechanical/technical CAD applications for paraprofessionals. Has Admissions Office.

State MT

Montana Deaconess Medical Center
1101 26th Street South
Great Falls, MT 59405 USA
(406) 761-1200

Provides cognitive and vocational training and retraining. Combination Medical Center and Rehabilitation/Extended Care facility. Clients referred from all over the state of Montana. This Center has Personal Computers and IBM PS/2 Computers available for use by clients.

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